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ABSTRACT

This booklist is intended for elementary school science students with high interest and low vocabulary skills. The Spache Readability Scale, Dale-Chall formula, sentence structure, paragraph flow, illustration, and diagram analysis or publishers stated grade level were used to determine grade level designations. The included interest level varies from about kindergarten through grade nine and reading level from grades one through four on general science topics including animals, amphibians, astronomy, birds, conservation, earth studies, electricity, fish, health, insects, machines, magnets, ocean life, plants, reptiles, seasons, spiders, space travel, trees, and worms. A list of publishers with addresses is included. (JM)

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HIGH INTEREST - LOW VOCABULARY SCIENCE BOOKS

READING LEVEL GRADES 1-4

(Prepared for the remedial reading teacher)

compiled by

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Revised
SEPTEMBER 1970

Available from Bureau of Educational Research
School of Education
University of Colorado
Boulder, Colorado 80302

$1.10

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INTRODUCTION

This 1970 edition of High Interest-Low Vocabulary Science Books is much expanded over the 1959 and 1963 editions. The audience for this bibliography is intended to be the remedial reading teacher and the classroom teacher seeking interesting materials written at a low vocabulary level.

Most of the books included were tested for readability by the authors or the publishers. The Spache Readability Scale or the Dale-Chall formula were most commonly used. Books for which no readability was given by the publisher were compared with books for which grade level readability was known by test and placed where they seemed appropriate. Much attention was paid to sentence structure and flowing paragraph structure. More difficult vocabulary is easy to handle if the structure is simple and meaning can be quickly derived from context. In many cases, excellent illustrations and diagrams in profuse quantity make comprehension easy, even with difficult words. Many publishers did not give publication dates. BOOKS IN PRINT, Vol. 2, BY AUTHOR was used to ascertain copyright dates. BOOKS IN PRINT, Vol. 1, BY TITLES was also utilized in the search.

The best information available was used for prices, but these are constantly changing. Therefore, prices given in the following pages are subject to change.

Where a single book was located through library shelf research, but no catalog was available, the PUBLISHERS TRADE LIST JOURNAL was consulted. To the best of our knowledge, all books listed in this bibliography are still available. A current list of publishers and addresses for all entries in this bibliography are given at the end of the booklet. Our thanks go to the publishers for their cooperation in providing materials.

Grade level color coded: Grade 1 - Pink
Grade 2 - Blue
Grade 3 - Green
Grade 4 - Goldenrod

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Copies of this bibliography are available from the Bureau of Educational Research, School of Education, University of Colorado, Boulder, Colorado, 80302. The price is $1.00 per copy, with a 10% reduction for ten or more copies mailed to the same address. Foreign orders should carry an additional amount to cover mailing of approximately one-half pound of printed material and the Bureau informed as to whether the bibliography should be sent air or surface mail.

FIRST GRADE READING LEVEL
(Interest level indicated with each book)

ANIMALS - DOMESTIC

Darby, Gene. Gomar, the Gosling. Benefic. 48 pp. $2.20, Gr. 1-3.
Warm humorous adventure in the animal's natural environment.

Dolch, Edward and Marguerite. Dog Pals. Garrard. $2.25, Gr. 1-4. 64 pp.
True adventures with real life dogs, written in easiest vocabulary but interesting style.

_____. I Like Cats. Garrard. 64 pp. $2.25, Gr. 1-4.
True stories about fancy cats, plain cats, cuddly cats and the funny things they do, written with easiest vocabulary.

_____. On the Farm. Garrard. 64 pp. $2.25, Gr. 1-4.
Never a dull moment on Mary's farm, where the unexpected happens more often than the expected.

_____. Tommy's Pets. Garrard. 64 pp. $2.25, Gr. 1-4.
Two dogs, a cat, a robin and a squirrel keep Tommy's life full of exciting adventure, right in a city. Easiest vocabulary.

_____. Once There Was a Cat. Garrard, 1961. 64 pp. $1.89, Gr. 1-4.
The easier half of the Dolch Basic Word List and commonest nouns.

_____. Once There Was a Dog. Garrard, 1963. 64 pp. $1.89, Gr. 1-4.
Very easy reading, using the easier half of the Dolch Basic Word List.

_____. Once There Was an Elephant. Garrard, 1963. 64 pp. $1.89, Gr. 1-4.
Very easy reading that will lead to an interest in trying other books about elephants.

_____. Once There Was a Monkey. Garrard, 1962. 64 pp. $1.89, Gr. 1-4.
Full page, three-color illustrations plus simple language make this an inviting book.

_____. Once There Was a Rabbit. Garrard, 1961. 64 pp. $1.89, Gr. 1-4.
This inviting book, with simple language and fine illustrations, will encourage reading other books on this topic.

Farley, Walter. Little Black, A Pony. Random, 1961. $2.19, Gr. 1-3.

Georgiady, Nicholas P. and Louis G. Romano. Gertie the Duck. Follett, 1959. 32 pp. $1.00, Gr. 1-3. Old bridge pilings in the middle of a busy city become a new home for Gertie and her family.

Hefflefinger, Jane and Elaine Hoffman. At the Pet Hospital. Childrens, 1964. 32 pp. $2.00, Gr. 1-4. Interesting, reassuring visit to a pet hospital for any child who has ever loved a dog or cat.

Hillert, Margaret. The Little Runaway. Follett, 1966. 32 pp. $1.00, Gr. 1-3.
Adventures of a runaway kitten, told in 45 beginner words.

Minarik, Else Holmelund. Cat and Dog. Harper and Brothers, 1962. $1.50, Gr.1-3.
Early I can read book.

ANIMALS - GENERAL

Blough, Glenn Orlando. Who Lives in This House? A Story of Animal Families. McGraw, 1957. 48 pp. $2.50, Gr. 1-4. A story of how birds, insects, and animals live together in the old house and raise their families.

Brown, Margaret Wise. Young Kangaroo. W. R. Scott, 1955. $2.25, Gr. K-4.
Story of the growth of a young kangaroo.

Darby, Gene. Pudgy, the Beaver. Benefic. 48 pp. $2.20, Gr. 1-3.
Children learn a lot about the environment in which the beaver lives. Record available.

_____. Hamilton, the Hamster. Benefic, 1970. 48 pp. $2.20, Gr. 1-3.
All about a favorite pet, with an activities section and "things to do."

_____. Skippy, the Skunk. Benefic. 48 pp. $2.20, Gr. 1-3.
A humorous story showing the animal's natural environment, by an eminent writer of science non-fiction. Record available.

Dolch, Edward and Marguerite. Big, Bigger, Biggest. Garrard. 64 pp. $2.25, Gr. 1-4. True tales about six really big jungle animals. Written with the 110 easiest Basic Word List and the most common nouns.

_____. In the Woods. Garrard. 64 pp. $2.25, Gr. 1-4. True stories of animals, sure to appeal to children, written with the easiest vocabulary.

_____. Monkey Friends. Garrard. 64 pp. $2.25, Gr. 1-4. True stories of monkey adventures more fascinating than fiction, written with the easiest vocabulary.

_____. Some Are Small. Garrard. 64 pp. $2.25, Gr. 1-4. These true stories tell how small animals of the woods come to live with people and make good pets. Easiest vocabulary.

_____. Once There Was A Bear. Garrard, 1962. 64 pp. $1.89, Gr. 1-4. The easier half of the Dolch Basic Word List.

_____. Zoo is Home. Garrard. 64 pp. $2.25, Gr. 1-4. Children will love reading these true tales of unexpected things that happen at the zoo. Easiest vocabulary.

Hoff, Syd. Sammy the Seal. Harper, 1959. $2.50, Gr. 1-3. An "I Can Read" book.

Penney, R. L. Penguins Are Coming! Harper, 1969. 64 pp. $2.50, Gr. 1-3. Simple text, excellent illustrations.

Selsam, Millicent. Benny's Animals. Harper, 1966. 64 pp. $2.50, Gr. 1-3. A "Science I Can Read" book, well illustrated.

_____. You and the World Around You. Doubleday, 1963. 64 pp, 8½ x 11. $3.50, Gr. 1-3. Simple language and beautiful pictures answer many questions children are always thinking.

_____. Hidden Animals. Harper, 1969. 64 pp. $2.50, Gr. 1-4. A "Science I Can Read" book, well illustrated.

Schlein, Miriam. Go With the Sun. W. R. Scott, 1952. $2.00, Gr. 1-4. Story of Peter and his winter animal friends.

_____. Heavy is a Hippopotamus. W. R. Scott, 1954. $1.75, Gr. 1-3. Explains the concepts of weight.

Shapp, Martha and Charles. Let's Find Out About Animal Homes. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts in 100 different words, illustrated.

Smith, Teresa K. The Littlest Skunk. Steck, 1964. $2.50, Gr. 1-3. Warm, appealing pictures accompany simple text.

_____. The Sleepy Squirrel. Steck, 1962. $2.50, Gr. 1-3. Colorful pictures and easy prose describe the desert and its animals by day and by night.

Weil, Ann. Animal Families. Childrens Press, 1956. 32 pp. $2.50, Gr. K-3. Full color illustrations, 30 pt. type.

Wood, Dorothy. Beavers. Follett, 1961. $1.00, Gr. 1-2. Simple text for beginning readers.

ASTRONOMY

Lewellen, John. The True Book of Moon, Sun and Stars. Childrens Press, 1954. $2.00, Gr. K-3. In large manuscript type for little children.

Shapp, Martha and Charles. Let's Find Out What's In the Sky. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.

BIRDS

Buff, Mary and Conrad. Elf Owl. Viking, 1958. 72 pp. $2.75, Gr. 1-4. The elf owls in this story reveal the life of the desert. Colored drawings aid in depicting this life.

BIRDS CONTINUED

Darby, Gene. Sally, the Screech Owl. Benfic. 48 pp. $2.20, Gr. 1-3.
A rather frightening creature becomes a friend as the child follows its adventures in its natural environment. Record available.

_____. Sandy the Swallow. Benefic. 48 pp. $2.20, Gr. 1-3.
This book with its fine illustrations gives an idea of the environment in which a swallow lives. Record available.

Dolch, Edward and Marguerite. Friendly Birds. Garrard. 64 pp. $2.25, Gr. 1-4.
True and unusual stories about a pet crow, a talking mynah bird, blue jays and ducks, written with easiest vocabulary but interesting style.

Eberle, Irmengarde. Robins on the Window Sill. Crowell, 1958. 42 pp. $2.75, Gr. 1-3. A pair of robins mate, nest, and raise their family and see their young fly the nest. An excellent book for young readers.

Fox, Charles Philip. Mr. Duck's Big Day. Reilly, 1963. 28 pp. $3.50.
Illustrated by photos by the author, this attractive book with short simple sentences teaches much about a duck's habits.

_____. Birds Will Come To You. Reilly, 1963. 88 pp. Gr. 1-4. An easy reading book with beautiful photos.

Mason, Edwin A. Robins. Follett, 1966. 32 pp. $1.00, Gr. 1-4.
How to attract and observe families of robins; their body structure, nesting habits and natural enemies.

Schloat, G. Warren, Jr. The Wonderful Egg. Scribner, 1952. $2.25, Gr. K-3.
The life cycle of a chicken is shown by diagrams and photographs.

Sears, Paul McCutcheon. Barn Swallow. Holiday, 1955. $2.00, Gr. 1-4.
Story of a barn swallow from fledgling to maturity, feeding its own young.

_____. Downy Woodpecker. Holiday, 1953. $2.00, Gr. 1-4.
The life story of a downy woodpecker.

Selsam, Millicent. All About Eggs and How They Change Into Animals. W. R. Scott, 1952. $2.00, Gr. K-3. This book tells how eggs hatch into fish, turtles, lobsters, etc. Also it tells of those creatures that carry eggs inside the body.

EARTH STUDIES

Freeman, Mae and Ira. Snow is Falling. Random, 1963. $1.95, Gr. 1-3.
The first snow fills with wonder and delight.

Green, Carla. I Want to be a Coal Miner. Childrens Press, 1957. 32 pp. $2.00, Gr. K-3. 30 pt. type.

Lubell, Winifred and Cecil. In a Running Brook. Rand, 1968. $3.95, Gr. 1-3.
Simply written, well illustrated, introducing a child to the world around him.

McKie and Eastman. Snow. Random, 1960. $2.19, Gr. 1-3. The beauty and usefulness of snow.

Shapp, Martha and Charles. Let's Find Out About Water. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words illustrated, large clear type.

Tresselt, Alvin. White Snow, Bright Snow. Lothrop, 1947. $2.00, Gr. 1-3.
This book is a Caldecott Medal winner. It reveals the beginning of winter by word and illustration.

_____. Raindrops Splash. Lothrop, 1946. $2.50, Gr. 2-3.
An account of rain and how it affects the child's world.

_____. Follow the Wind. Lothrop, 1950. $2.00, Gr. 1-3.
The many uses of the wind are given in easy, understandable language and in bright pictures.

ELECTRICITY - MAGNETS

Shapp, Martha and Charles. Let's Find Out What Electricity Does. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.

FISH, AMPHIBIANS AND REPTILES

Broekel, Ray. The True Book of Tropical Fishes. Childrens Press, 1956. $2.00, Gr. 2-5. This book tells about how an aquarium can be made and about the tropical fishes which might live in fresh water aquariums.
Darby, G. What is a Turtle? Benefic Press. $1.80, Gr. K-2.
Eberle, Irmengarde. Hop, Skip and Fly. Holiday, 1951. $2.25, Gr. 1-6. Stories of scorpions, snails, snakes, and bats, with animal conversation.
Phleger, Frederick B. Red Tag Comes Back. Harper, 1961. 64 pp. $2.50, Gr. 1-4. Through tracing a tagged salmon, the dangers that haunt his life-cycle are vividly presented.

HEALTH

Eastman, P. D. Are You My Mother? Random, 1960. $2.19, Gr. 1-3. In pretty story and pictures, the scientific fact that the young resemble the adult comes out.
Tudor, Tasha. First Delights: A Book About the Five Senses. Hale, 1966. $2.73, Gr. 1-2. Scientific information in easy form.

INSECTS - WORMS - SPIDERS

Berg, Jean Horton. Big Bug, Little Bug. Follett, 1964. 32 pp. $1.00, Gr. 1-3. A small bug finds out that the big and little animals can help each other.
Brouillette, Jeanne. Moths. Follett, 1966. 32 pp. $1.00, Gr. 1-4. Harmful and harmless moths and their life cycles, attractively illustrated in full color.
Schoenknecht, Charles. Ants. Follett, 1961. $1.00, Gr. 1-2. Simple text for beginning readers.
Selsam, Millicent. The Bug That Laid the Golden Egg. Harper, 1967. 64 pp. $2.50, Gr. 1-4. A "Science I Can Read" book.

MACHINES - WORKMEN

Bate, Norman. Who Built the Bridge? Scribner, 1954. $2.50, Gr. K-3. How bridges are built; illustrated.
Collier, Ethel. I Know a Farm. Scott, 1960. $3.50, Gr. 1-3. A warm farm story with controlled first grade vocabulary.
Darby, Gene. What is a Simple Machine? Benefic. 48 pp. $2.50, Gr. 1-4. Simple presentation with emphasis on teaching the basic facts in easy-to-understand terms, color illustrations.
Elting, Mary and Margaret Gossett. Lollypop Factory--And Lots of Others. Doubleday, 1946. $2.50, Gr. 1-6.
Elting, Mary. First Book of Firemen. Watts, 1951. $1.95, Gr. 1-4. Introduces firemen and their work with brief text.
Green, Carla. I Want to Be An Animal Doctor. Childrens Press, 1956. 32 pp. $2.00, Gr. K-3. 30 pt. type.
_____. I Want to Be a Mechanic. Childrens Press, 1959. 32 pp. $2.00, Gr. K-3. 30 pt. type.
_____. I Want to Be A Zoo Keeper. Childrens Press, 1957. 32 pp. $2.00, Gr. K-3. 30 pt. type.

MACHINES - WORKMEN CONTINUED

Shapp, Martha and Charles. Let's Find Out About Wheels. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large, clear type.

_____. Let's Find Out About Wheels. Watts, 1962. 42 pp. $2.65, Gr. 1-3. Page-size drawings, one or two lines of large print; only 100 different words in the book.

Stuart, Merrie. About the Airplane at the Airport. Melmont, 1958. 32 pp. $2.50, Gr. K-3. An interesting subject written simply enough for a beginner.

Wooley, Catherine. I Like Trains. Harper, 1944. $1.50, Gr. 2-5. A train from a child's point of view.

Zaffo, George J. Big Book of Real Fire Engines. Grosset, 1950. $1.00, Gr. K-5. A Big Treasure Book about fire engines and equipment in use today. Large pictures and brief text.

_____. Big Book of Real Boats and Ships. Grosset, 1951. $1.00, Gr. 1-5. About many kinds of boats and ships in an oversized book with colored pictures.

OCEAN LIFE

Podendorf, Illa. True Book of Pebbles and Shells. Childrens Press, 1954. $2.00, Gr. K-3. Simply written for little children, this book is about sea shells found on beaches.

Selsam, Millicent. See Along the Shore. Harper, 1961. 48 pp. $3.95, Gr. 2-5. The special world of plant and animal life along the seashore.

Tresselt, Alvin. I Saw the Sea Come In. Lothrop, 1954. $2.00, Gr. K-3. The story of a little boy's exploration of the beach and how he was fascinated by the sea.

SEASONS

Darby, Gene. What is a Season? Benefics Press. $1.80, Gr. K-2.

Fox, Charles Philip. When Autumn Comes. Reilly, 1966. 32 pp. $3.50, Gr. 1-3. Simply written sentences, 2-6 on a page, are beautifully illustrated by photos by the author.

_____. When Spring Comes. Reilly, 1964. 32 pp. $3.50, Gr. 1-3. Illustrated by photos by the author almost every page, with 2-6 lines of easy sentences. Attractive and inviting.

_____. When Summer Comes. Reilly, 1966. 32 pp. $3.50, Gr. 1-3. Lovely photos by the author on almost every page. Easy sentences, 2-6 to a page, carry the message.

_____. When Winter Comes. Reilly, 1962. 32 pp. $3.50, Gr. 1-3. Simple sentences, 2-6 on a page, give the child a fascinating book he can really read. Illustrated every page with photos by the author.

Shapp, Martha and Charles. Let's Find Out About Fall. Watts, 1963. 48 pp. $2.50, Gr. 1-3. Changes in plant and animal life. Uses 98 different words.

_____. Let's Find Out About Spring. Watts, 1963. 48 pp. $2.50, Gr. 1-3. A delightful book abounding in flowers, butterflies, and baby rabbits. Uses 100 different words.

_____. Let's Find Out Abcut Summer. Watts, 1963. 48 pp. $2.50, Gr. 1-3. A sunny book showing how the seasons change. Uses 100 different words.

_____. Let's Find Out About Winter. Watts, 1963. 48 pp. $2.50, Gr. 1-3. Helps children understand their physical environment. Uses 100 different words.

SPACE TRAVEL

Corson, Hazel W. Peter and the Rocket Fishing Trip. Benefic. 64 pp. $2.60, Gr. 1-4. Scientific facts and concepts are introduced to the beginning reader through an interesting story.

_____. Peter, The Rocket Sitter. Benefic. 64 pp. $2.60, Gr. 1-4. While it is an exciting story, it is a realistic account based on scientific fact, from which the reader absorbs information along with the fun.

Green, Carla. I Want to Be a Space Pilot. Childrens Press, 1961. 32 pp. $2.00, Gr. K-3. Kip, who wants to fly to the moon, learns first about the earth and air around it and the nature of outer space.

Neurath, Marie. Speeding Into Space. Lothrop, 1955. $2.00, Gr. 1-5. Scientific material with diagrams on space that children will eagerly want.

TREES AND PLANTS

Collier, Ethel. Who Goes There In My Garden? Scott, 1969. $3.75, Gr. 1-3. How weeds, animals and weather affect a boy's garden, told with controlled first grade vocabulary.

Darby, Gene. What is a Plant? Benefic Press. $1.80, Gr. K-2.

Hawkinson, John. The Old Stump. A. Whitman, 1965. 32 pp. $2.95, Gr. 1-3. Encourages the young child to be more conscious of what he sees. Full color illustrations.

Lubell, Cecil and Winifred. Green is For Growing. Rand. 64 pp. $2.95, Gr. 1-4. Written in simple language, this beautifully illustrated book is full of unusual and fascinating facts about interesting and strange plants.

Miner, Irene O. S. True Book of Plants We Know. Childrens Press, 1953. $2.00, Gr. K-4.

Rogers, Matilda. The First Book of Tree Identification. Random, 1951. $2.50, Gr. 1+. Excellent photographs of trunks and bark. Simple, clear text makes this book a valuable identification guide.

Selsam, Millicent. Birth of a Forest. Harper, 1964. $2.95, Gr. 4-6. Little-known facts about land changes from lake to forest.

Udry, Janice May. A Tree Is Nice. Harper, 1956. $3.25, Gr. 2-3. As the title implies, the pleasure of trees is brought out.

ADDITIONAL SCIENCE TOPICS

Campbell, Ann. Let's Find Out About Color. Watts, 1966. 32 pp. $2.65, Gr. 1-3. Some interesting ideas awakening exploratory action.

Eggleston, Joyce Smith. About Things That Grow. Melmont, 1958. 30 pp. $2.50, Gr. K-3. Girls and boys, plants and animals, all need sunlight, air, water, food and rest in order to grow.

Farquhar, Margaret. A Book to Begin On: Lights. Holt, Rinehart and Winston, 1960. $2.50, Gr. 1-3.

Green, Carla. I Want to Be A Scientist. Childrens Press, 1961. 32 pp. $2.00, Gr. K-3. 30 pt. type. A handful of beans leads Jack to wonder, look, read, experiment and find out many things true about the world around him.

Hoff, Syd. Grizwold. Harper, 1963. $2.50, Gr. 1-3. An "I Can Read" book.

_____. Chester. Harper, 1961. $2.50, Gr. 1-3. An "I Can Read" book.

Schlein, Miriam. It's About Time. W. R. Scott, 1955. $2.00, Gr. K-4. Treats time imaginatively and realistically.

Schneider, Herman and Nina. How Big is Big? W.R. Scott, 1950. Revised. $1.75, Gr. 1-6. The young child is presented with mass and volume relationships.

ADDITIONAL SCIENCE TOPICS CONTINUED

Selsam, Millicent. Greg's Microscope. Harper, 1963. 64 pp. $2.50, Gr. 1-4. Profusely illustrated, with large print, much scientific information is developed in interesting style.

Shapp, Martha and Charles. Let's Find Out What's Big and What's Small. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.

_____. Let's Find Out What's Light and What's Heavy. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.

Showers, Paul. Find Out By Touching. Crowell, 1961. $2.50, Gr. 1-3. From: Let's Read-And-Find-Out Series.

_____. The Listening Walk. Crowell, 1961. $2.50, Gr. K-2. From: Let's Read-And-Find-Out-Series.

SECOND GRADE READING LEVEL
(Interest level indicated with each book)

ANIMALS - DOMESTIC

Blair, Susie. Easter Pony. Farrar, 1963. 48 pp. $2.95, Gr. 1-3.
A true story of a baby Shetland pony who lived in the house with the family for the first months of his life. The author took many, many snapshots which illustrate the book. An unusual and captivating book.

Bronson, Wildred Swancourt. Cats. Harcourt, 1950. $2.00, Gr. 2-5.
Easy-to-read account of all kinds of cats from tamed ones to lions. Illustrated in black and white.

_____. Goats. Harcourt. 64 pp. $2.95, Gr. K-3.
An easy-to-read science picture book that gives a lively survey of goats, domestic and wild. Large type.

Darby, Gene. What is a Chicken? Benefic Press. $1.80, Gr. K-3.

Dodd, Madeline M. All Kinds of Cows. Follett, 1965. 32 pp. $1.00, Gr. 2-4.
Clear factual information presented in large easy-to-read print and simple sentences, with attractive color illustrations.

Dolch, Edward and Marguerite. Dog Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Eighteen delightful true stories of the intelligence and devotion displayed by dogs of many different breeds. Dolch Basic Vocabulary.

_____. Horse Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Action-packed true stories about all kinds of horses: race horses, work horses, and circus horses. Dolch Basic Vocabulary.

_____. More Dog Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
True stories about the intelligence and devotion displayed by dogs of many different breeds. Dolch Basic Vocabulary.

Feistel, Sally and Leonard Meshover. The Guinea Pigs That Went to School. Follett, 1968. 64 pp. $3.00, Gr. K-3. Illustrated with photographs of children, teacher and pigs, the book tells scientific information in a simple, large type text. The book is 8" x 10".

Foster, Polly and Larry. About My Puppy. Melmont, 1956. 32 pp. $2.50, Gr. K-3.
How to care for and train a puppy, in a child's words.

_____. About Your Kitten. Melmont, 1955. 32 pp. $2.50, Gr. K-3.
The first lessons in cat care set forth in the simplest manner possible.

Hess, Lilo. Shetland Ponies. Crowell, 1964. 57 pp. $3.50, Gr. 1-4.
Two Shetland ponies are affectionately described in winning photographs from birth to their first winter. Brief text in narrative style.

Israel, Marian. About Sheep on a Ranch. Melmont, 1958. 32 pp. $2.50, Gr. 2-6.
A colorful description of what happens on a sheep ranch.

Lewellen, John. True Book of Farm Animals. Children's Press, 1954. $2.00, Gr. K-4.

May, Julian. Horses--How They Came to Be. Holiday, 1968. 36 pp. Gr. 2-5.
The evolution of horses from the small "dawn horse" of 60 million years ago.

Morey, Sheena. Old MacDonald's Farm. Follett, 1966. 32 pp. $1.00, Gr. 1-4.
Tells what each animal eats, where he lives, what work he does, what sounds he makes, and the close relation of the farmer and his animals. Book size 5" x 11".

Palazzo, Tony. Did You Say Dogs? Garrard, 1964. 44 pp. $2.39, Gr. 1-4.
Stories of dog heroes and dog workers, and their bravery, loyalty and patience.

_____. Golden Girl. Garrard, 1963. 44 pp. $2.50. Gr. 1-3.
A Jersey calf and a nine-year-old boy are the basic elements in a story, which includes factual material on the care and feeding of cattle, and about the many ways cattle provide for man's welfare.

_____. Hey, Horses! Garrard, 1965. 44 pp. $2.39, Gr. 1-4. Ten exciting true stories about American horses at work and play.

ANIMALS - DOMESTIC CONTINUED

_____. A Pig For Tom. Garrard, 1963. 44 pp. $2.39, Gr. 1-4.
A charming story provides many important facts about raising pigs.

Podendorf, Illa. True Book of Pets. Children's Press, 1954. $2.00, Gr. K-4.

Posell, Elsa. True Book of Dogs. Children's Press, 1961. 48 pp. $2.00, Gr. K-4.
A wealth of straight information, in simple text, many pictures, about bird dogs, hounds, terriers, non-sporting dogs and toy dogs.

_____. True Book of Horses. Children's Press, 1961. 48 pp. $2.00, Gr. K-6.
Fascinating information about horses from the small foal to the great draft horses, the role of horses in history and their place in the world today.

ANIMALS - GENERAL

Adelson, Leone. All Ready for Summer. McKay, 1955. $2.75, Gr. 2-4.
Spring comes to the animal world.

Aulaire, Ingri d' and Edgar Parin d'. Animals Everywhere. Doubleday, 1954. $2.00, Gr. 2-5. This book tells about many animals and their habits.

Bancroft, Henrietta and Richard Van Gelder. Animals in Winter. Crowell, 1963. 40 pp. $3.50, Gr. 1-3. Simple, uncomplicated yet interesting prose, beautifully illustrated in color, answer many of the child's questions.

Benchley, Nathaniel. Oscar Otter. Harper, 1966. 64 pp. $2.50, Gr. 1-3.
A lively account of this little-known animal.

Blough, Glenn. Who Lives in This Meadow? McGraw, 1960. 48 pp. $2.95, Gr. 2-4.
Meeting all kinds of animal life in a meadow, the reader finds out how and why these animals like this environment.

Branley, Franklyn. Big Tracks, Little Tracks. Crowell. 40 pp. $2.50, Gr. K-3.
The young reader is challenged to think and observe carefully in this easy-to-read text. (Let's Read-and-Find-Out Series)

Bridges, William. Lion Island. Morrow, 1965. 64 pp. $3.78, Gr. 1-4.
How a family of lions lived together in the Bronx Zoo, told with 36 full-page photographs.

_____. Ookie, the Walrus Who Likes People. Morrow, 1962. 64 pp. $3.95, Gr. 1-5. With 39 full-page photographs, chubby gentle-eyed Ockie becomes a new member of the animals understood by children.

_____. Zoo Pets. Morrow, 1955. $2.50, Gr. 3-8.
An appealing account of the young of the Bronz Zoo.

Busch, Phyllis. Lions in the Grass. World, 1968. 48 pp. $4.50, Gr. 1-3.
Clear and simple story of the life cycle of the dandelion, with photos. Size 10" x 8".

Chenery, Janet. Wolfie. Harper, 1969. 64 pp. $2.50, Gr. 2-4.
A "Science I Can Read" book, well illustrated and interesting.

Colonius, Lillian. At the Zoo. Melmont, 1953. 24 pp. $2.50, Gr. K-3.
Twenty pictures of zoo animals with two lines of text under each picture. Pictures are photographs.

_____. At the Zoo. Childrens, 1967. 24 pp. $2.50, Gr. 1-3.
Twenty pictures of zoo animals with two lines of print under each.

Conklin, Gladys. Little Apes. Holiday, 1970. 40 pp. $4.50, Gr. 2-4.
A typical day in the life of four kinds of baby apes, the chimpanzee, the gorilla, the orangutan, and the gibbon.

DeWitt, Johanna. The Littlest Reindeer. Children's Press, 1946. $2.00, Gr. K-4.
The littlest reindeer goes south to seek his antlers.

Dolch, Edward. Animal Stories. Garrard, 1952. 176 pp. $2.39, Gr. 1-6.
Interesting material written with simple language, Dolch Basic Word List and the 95 Commonest Nouns, this book stimulates interest in many areas.

ANIMALS - GENERAL CONTINUED

Dolch, Edward and Marguerite. Bear Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Fast-moving, highly interesting stories about bears, in Dolch Basic Vocabulary.

_____. Elephant Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Fascinating true stories of how elephants are caught and trained, and about some of the amazing, funny things they do. Dolch Basic Vocabulary.

_____. Lion and Tiger Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Eighteen true stories about "big cats," their cunning and intellegence, and about man's struggle to catch and tame them. Dolch Basic Vocabulary.

Feilen, John. Deer. Follett, 1967, 32 pp. $1.00, Gr. 2-6.
Description, life cycle, habits of many species of deer around the world, with vivid illustrations.

_____. Squirrels. Follett, 1967. 32 pp. $1.00, Gr. 2-5.
Many species are described, life cycle and habits detailed, with vivid full-color illustrations.

Foran, Robert. Animal Mothers and Babies. Warne, 1960. $3.95, Gr. 1-2.
Familiar animal babies as well as zoo residents.

Fox, Charles Philip. Mister Stripes the Gopher. Reilly, 1962. 34 pp. $3.50, Gr. 1-4. An easy-to-read book about a common animal, beautifully illustrated with photos by the author.

_____. Opie Possum's Trick. Reilly, 1968. 32 pp. $3.50, Gr. 1-4.
The life and habits of an opossum, illustrated by unusual and fascinating pictures (photos) by the author.

Goudy, Alice E. Here Come the Bears! Scribner, 1954. $2.25, Gr. 2-4.
Different bear families are told about.

_____. Here Come the Beavers. Scribner, 1957. 94 pp. $2.50, Gr. 2-4.
This concerns life in a beaver pond and tells of plant life and bird migration as well as beaver life.

_____. Here Come the Cottontails! Scribners, 1965. 96 pp. $3.63, Gr. 2-4.
The life stories of the cottontail and the black-tailed jack rabbits are told with scientific attention to accuracy and many illustrations of the struggle for survival.

_____. Here Come the Seals. Scribner, 1957. 93 pp. $2.50, Gr. 2-4.
An account of the life of the harp and fur seals and something about other kinds of seals. Some colored pictures.

_____. Here Come the Squirrels! Scribners, 1962. 94 pp. $3.25, Gr. 2-5.
Profusely illustrated. Simple flowing sentences keep reading easy.

Hess, Lilo. Rabbits in the Meadow. Crowell, 1963. 43 pp. $3.50, Gr. 1-3.
All about cottontails, illustrated with amazing and excellent photographs by the author.

Huntington, Harriet E. Let's Go Outdoors. Doubleday, 1939. $2.75, Gr. 2-7.
Some of the small, common, outdoor creatures are pictured and explained.

Jacobs, Lou, Jr. Duncan the Dolphin. Follett, 1966. 32 pp. $2.25, Gr. 1-5.
Richly illustrated in photographs, this book widens the child's knowledge while captivating his interest. Book size 8" x 10".

Kirn, Ann. Let's Look at Tracks. Putnam, 1969. $2.97, Gr. 1-3.
The tales that tracks tell the nature-lover.

Klebe, Gene, Ernst, and Margot. Penguin Family. Putnam, 1968. 64 pp. $2.68, Gr. 2-4.
Easy text plus fine illustrations.

Kohn, Bernice. All Kinds of Seals. Random, 1968. $1.95, Gr. 2-6.
Illustrated with photos.

_____. Koalas. Prentice, 1965. $3.95, Gr. 2-4.
Beautifully illustrated and easy to understand.

ANIMALS - GENERAL CONTINUED

McClung, Robert M. Possum. Morrow, 1963. 48 pp. $3.14. Gr. 2-4.
The life cycle, habits and behavior of possums, with fascinating illustrations by the author on every page.

Mizumura, Kazue. The Emperor Penguins. Crowell, 1969. 33 pp. $3.75, Gr. 2-4.
With drawings and diagrams by the author, this book describes the habits and habitats of these penguins, and their unusual methods of feeding and caring for their young.

Palazzo, Tony. Jan and the Reindeer. Garrard, 1963. 44 pp. $2.50, Gr. 1-3.
The story of Jan gives an intimate picture of life among the Lapps and of the reindeer on which they depend for their livelihood.

Phleger, Fred. The Whales Go By. Random, 1959. $2.19, Gr. 1-4.
A fascinating subject treated in a simple but vivid fashion.

Podendorf, Illa. True Book of Animal Homes. Children's Press, 1960. $2.00, Gr. K-5.

_____. True Book of Animals of Sea and Shore. Children's, 1956. $2.00, Gr. 2-8. Many animals and their habits are shown in illustrations.

Posell, Elsa. Elephants. Children's, 1964. 48 pp. $2.00, Gr. 1-4.
Scientific concepts explained in easy prose with colorful illustrations on every page.

_____. True Book of Whales and Other Sea Mammals. Children's, 1963. $2.00, Gr. 1-4. Giant mammals of the sea; how they live, breathe, keep warm, travel; kinds of whales and their relatives in the sea; whale hunting, conservation, and the whale industry today.

Ricciuti, Edward. Catch a Whale by the Tail. Harper, 1969. 64 pp. $2.50, Gr. 2-4. A "Science I Can Read" book.

Selsam, Millicent. See Through the Forest. Harper, 1956. $2.50, Gr. 3-8.
The community of insects, birds, and animals in the forest is shown here.

_____. A Time for Sleep. W. R. Scott, 1953. $2.00, Gr. 2-8.
The ways in which animals sleep is shown by pictures and simple reading.

_____. When an Animal Grows. Harper, 1966. 64 pp. $2.50, Gr. 1-4.
How animals change as they develop.

Shapp, Martha and David. Let's Find Out About Animal Homes. Watts, 1962. 44 pp. $2.65, Gr. 2-4. Many unusual types of homes.

Tannenbaum, Harold and Nathan Stillman. We Read About Animals and Where They Live. Webster. $.36, Gr. 2-4. Youngsters can learn more about the habitats of familiar and exotic animals and how they have made physical adjustment to their surroundings.

Voight, Virginia. Chipper the Beaver. Putnam, 1968. 64 pp. $2.68, Gr. 1-3.
Independent reading is encouraged by the fascinating pictures and easy text.

_____. Cuff, a Baby Bear. Putnam, 1969. 64 pp. $2.68, Gr. 1-3.
Easy reading plus fine illustrations.

_____. Little Brown Bat. Putnam, 1969. 64 pp. $2.68, Gr. 1-3.
Easy text, fine pictures every page, and science too.

_____. Patch, a Baby Mink. Putnam, 1965. 48 pp. $2.68, Gr. 1-3.
An easy "See and Read" science book.

Webb, Clifford. Strange Creatures. Warne, 1964. $3.00, Gr. 1-4.
A fascinating collection of African and Australian animals as well as odd fish and birds. Illustrated by the author, some color.

Wise, William. Amazing Animals of Latin America. Putnam, 1969. 64 pp. $2.68, Gr. 2-4. Fine illustrations every page make this a fascinating book of easy reading.

_____. The World of Giant Mammals. Putnam, 1965. 64 pp. Gr. 2-4.
Fine pictures and one or two short paragraphs to a page, easy reading and exciting subject.

ASTRONOMY

Asimov, Isaac. The Moon. Follett, 1966. 32 pp. $1.00, Gr. 2-6.
With simple, clear and accurate text many things about the moon are explained, including atmosphere, orbit and gravitational pull.

Branley, Franklyn M. The Sun: Our Nearest Star. Crowell, 1961. $2.50, Gr. K-2.
From: Let's Read-and-Find-Out Series.

Freeman, Mae and Ira. The Sun, the Moon, and the Stars. Random, 1959. 96 pp. $1.95, Gr. 2-6. Profusely illustrated, simple prose.

Garelick, May. Look at the Moon. Scott, 1969. $3.95, Gr. 1-2.
Does everyone see the same moon I see?

Kinney, Jean. What Does the Sun Do? Scott, 1967. $3.95, Gr. 1-3.
A boy's experiences in the Southwest develop concepts about the sun.

Knight, David. Let's Find Out About Mars. Watts, 1966. 60 pp. $2.65, Gr. 2-6,
Scientifically accurate yet simply written, it encourages wider reading on this fascinating subject.

Podendorf, Illa. Moon, Sun and Stars. Children's, 1963. 48 pp. $2.00, Gr. 2-6.
Topics of vital interest simply explained with many colorful illustrations.

Shapp, Martha and Charles. Let's Find Out About the Moon. Watts, 1965. 48 pp. $2.65, Gr. 2-4. Simple prose, fine illustrations, accurate facts.

_____. Let's Find Out About the Sun. Watts, 1965. 48 pp. $2.95, Gr. 2-5.
The importance of the sun to life is clearly shown in an interesting way.

Tannenbaum, Harold and Nathan Stillman. We Read About Earth and Space. Webster. $.36, Gr. 2-4. Children gain their first concept of the magnitude of the universe. The solar system and satellites are vividly illustrated and described.

BIRDS

Burton, Maurice. Bird Families. Warne, 1962. $3.95, Gr. 1-3.
Exotic as well as familiar birds are pictured, with stories of habitats and eccentricities.

Boyd Lorenz. Cardinals in the Pine. Abingdon, 1969. $3.50, Gr. 1-3.
A cardinal family set up their nest outside a small boy's window.

Darby, Gene. What is a Bird? Benefic Press. $1.80, Gr. K-3.

Fenton, Carroll and Dorothy Pallas. Oliver Pete is a Bird. Day, 1959. 48 pp. $2.86, Gr. 1-4.
Basic scientific facts about the bird world are presented through a pet parakeet.

Friskey, Margaret. True Book of Birds We Know. Children's, 1954. $2.00, Gr. K-4.

Gans, Roma. Birds At Night. Crowell, 1968. 40 pp. $3.50, Gr. 2-4.
Why--? Why--? and why don't birds fall out of the trees when they are asleep?

_____. Birds Eat and Eat and Eat. Crowell, 1963. 40 pp. $3.50, Gr. 1-3.
Eating habits of common birds, with suggestions for simple methods of providing food for them.

_____. Hummingbirds in the Garden. Crowell, 1969. 33 pp. $3.50, Gr. 1-4.
Their incredibly strong wings and long thin beaks help birds get their food. Illustrations in three colors.

_____. It's Nesting Time. Crowell, 1964. 40 pp. $3.50, Gr. 2-5.
An introduction to nesting habits of birds that should be an incitement to bird-watching. Lovely illustrations in color.

Garelick, May. Wild Ducks and Daffodils. Scott, 1961. 48 pp. $3.50, Gr. 2-4.
A family watches a duck family all through the summer. Color pictures nearly every page.

_____. Winter's Birds. Scott, 1965. $3.50, Gr. 1-2.
Discovery and participation in the moods of the seasons.

BIRDS CONTINUED

_____. What's Inside? Scott, 1955. $2.75, Gr. 1-3.
Photographs of the hatching of an egg and babyhood of a goose.

Georgiou, Constantine. Wait and See. Harvey, 1962. 32 pp. $2.50, Gr. 2-4.
Baby chicks hatch in an incubator in a classroom.

Goudy, Alice. Graywings. Scribners, 1964. 64 pp. $3.63, Gr. 2-5.
The life cycle of the herring gull and the dangers he faces in growing up are told in flowing prose and profuse illustrations.

Hurd, Edith Thacher. Sandpipers. Crowell. 40 pp. $2.50, Gr. K-3.
A beautifully designed picture book telling the life story of the sandpiper in easy reading. (Let's Read-and-Find-Out Series.)

McClung, Robert M. Ruby Throat: The Story of a Humming Bird. Morrow, 1950. $2.00, Gr. 3-5. About the life and habits of the hummingbird. It has good illustrations.

Selsam, Millicent. Tony's Birds. Harper, 1961. 64 pp. $2.50, Gr. 1-4.
With his father's field glasses and the family bird guide, Tony leads the reader to a boy's eye view of birds.

_____. Tony's Birds. Harper and Row, 1962. $1.95, Gr. 3-5.
(Science I Can Read Book.)

Shapp, Martha and Charles. Let's Find Out About Birds. Watts, 1967. 56 pp. $2.65, Gr. 1-3. Where they live, their habits and characteristics; in simple prose and fine illustrations.

Wise, William. Giant Birds and Monsters of the Air. Putnam. 1969. 64 pp. $2.68, Gr. 2-4. Fascinating illustrations. A "See and Read" science book.

CONSERVATION

Blough, Glenn O. Lookout for the Forest. McGraw, 1955. $2.25, Gr. 3-6.
A forest conservation book emphasizing the need and use of forests.

Gates, Richard. True Book of Conservation. Children's, 1959. $2.00, Gr. 1-5.

EARTH STUDIES

Aliki. My Visit to the Dinosaurs. Crowell, 1969. 33 pp. $3.75, Gr. 2-5.
A tour through a natural history museum becomes a fascinating study of long-extinct reptiles. Illustrated in color by author.

Bartlett, Margaret F. The Clean Brook. Crowell. 40 pp. $2.50, Gr. K-3.
The ways in which the water muddies and the natural filters in the water that enable the brook to become clean again. (Let's Read-and-Find-Out Series)

_____. Down the Mountain. Scott, 1963. $3.25, Gr. 2-4.
A science walk introduces three basic kinds of soil.

Bendick, Jeanne. All Around You. A First Look at the World. McGraw, 1951. $2.50, Gr. 2-5. A simply written book answering many questions children ask about things of the world.

Black, Irma S. Busy Water. Holiday, 1958. $2.75, Gr. 2-4.
An easy reading science book that explains the water cycle in simple prose.

_____. Busy Winds. Holiday, 1968. 32 pp. $3.95, Gr. 2-4.
Simple text with vivid illustrations explains where different kinds of winds come from and what causes them.

Blough, Glenn O. Not Only Ducks. The Story of Rain. McGraw, 1954. $2.25, Gr. 4-8.
The necessity of rain is shown in this well illustrated book.

Branley, Franklyn. Air Is All Around You. Crowell. 40 pp. $2.50, Gr. K-3.
An explanation with a simple experiment to increase the child's awareness of the world in which he lives. (Let's Read-and-Find-Out Series)

EARTH STUDIES CONTINUED

_____. Flash, Crash, Rumble and Roll. Crowell, 1964. 40 pp. $3.50, Gr. 1-4. All about thunderstorms, with simple text and eye-catching illustrations to keep interest high.

_____. Rain and Hail. Crowell, 1963. 40 pp. $3.50, Gr. 1-4. Simple words and dramatic color illustrations explain the rain cycle.

Busch, Phyllis. Puddles and Ponds. World, 1969. 48 pp. $4.50, Gr. 1-3. Explains simply and with excellent photographs the ecology of pond and aquarium. Size 10" x 8".

Carter, Katherine. True Book of Oceans. Children's, 1958. $2.00, Gr. K-5.

Chapin, Cynthia. What Will the Weather Be? A. Whitman, 1965. 32 pp. $2.25, Gr. 1-3. Large print. An attractive introduction to how man figures out the answer to this question.

Darby, Gene. What is the Earth? Benefic. 48 pp. $2.20, Gr. 2-4. Thoroughly explained in easy-to-understand terms with color illustrations on nearly every page.

David, Eugene. Crystals Magic. Prentice, 1965. 32 pp. $3.95. Drawings every page, very little text, but informative, with experiments to do. Size 6½" x 11½".

Duvoisin, Roger. Day and Night. Random, 1960. $3.29, Gr. 1-3. A simple explanation of a daily phenomenon.

Carona, Philip B. Water. Follett, 1966. 32 pp. $1.00, Gr. 2-6. Accurate concepts in a direct and concise manner, simple sentences and paragraphs making comprehension easy with full-color illustrations that hold interest.

Fenton, Carroll Lane and Mildred Adams Fenton. The Land We Live On. Doubleday, 1944. $2.75, Gr. 5-12. The areas of land such as valleys and mountains, deserts, and prairies are explained and illustrated in black and white.

Freeman, Ira and Mae. Rain and Hail. Random, 1963. 96 pp. $1.95, Gr. 2-5. Well illustrated and interestingly written.

Friskey, Margaret. The True Book of Air Around Us. Children's, 1953. $1.50, Gr. 2-4. A brief account is given of winds, hurricanes, lightning, and other weather conditions, about which a child may wonder.

Gans, Roma. Icebergs. Crowell, 1964. 40 pp. $3.50, Gr. 2-5. Fascinating bold pictures fire interest. Simple sentences, up to eight every other page, encourage reading on.

_____. The Wonder of Stones. Crowell, 1963. 40 pp. $3.50, Gr. 2-5. Beautiful colored illustrations and the simple description of the three kinds of rocks and varieties of stones create interest in rock-collections.

Gibson, Gertrude H. About Our Weather. Melmont, 1960. 30 pp. $2.50, Gr. 1-4. Causes of wind, rain, thunder and lightning, snow and hail, told in a manner that first and second graders may readily grasp; includes simple experiments.

Hurd, Edith Thacher. Rain and the Valley. Coward, 1968. 48 pp. $3.29, Gr. 2-4. The water cycle plus other science principles.

Kinney, Jean. What Does the Cloud Do? Scott, 1967. $3.95, Gr. 1-2. A boy discovers that fog, rain, clouds, and mist are part of the water cycle.

Knight, David. Let's Find Out About Earth. Watts, 1968. 48 pp. $2.65, Gr. 2-5. Fine illustrations make the text easy to comprehend.

_____. Let's Find Out About Weather. Watts, 1967. 64 pp. $2.65, Gr. 2-4. Answers the child's questions about the causes of weather and seasons, and how a weatherman works.

Lockard, Roget. Glaciers. Coward, 1969. 48 pp. $3.29, Gr. 2-5. An understanding of an unusual feature of nature.

EARTH STUDIES CONTINUED

Lubell, Winifred and Cecil. Tall Grass Zoo. Rand, 1960. $3.50, Gr. 2-5.
The seldom-seen world around us.

May, Julian. They Lived in the Ice Age. Holiday, 1967. 40 pp. $3.75, Gr. 2-5.
How the ice ages affected plants, animals and people. Color illustrations on every page.

_____. They Turned to Stone. Holiday, 1965. 40 pp. $3.95, Br. 2-5.
How and why prehistoric plants and animals sometimes became fossils. Color illustrations on every page.

_____. Weather. Follett, 1966. 32 pp. $1.00, Gr. 2-5.
Introduction to the scientific study of weather; color illustrations and diagrams.

McGrath, Thomas. About Clouds. Melmont, 1959. 32 pp. $2.50, Gr. K-4.
Helps children develop their imaginations while gazing at clouds, at the same time giving them considerable information regarding the various types of clouds. Illustrations.

Norling, Josephine and Ernest. First Book of Water. $1.95, Gr. 2-4.
What water is, and its use.

Orgel, Doris. Cindy's Snowdrops. Random, 1966. 96 pp. $3.25, Gr. 2-5.
Snowdrops planted in the fall come up in time for a March birthday.

Page, Lou William. Rocks and Minerals. Follett, 1962. 32 pp. $1.00, Gr. 2-6.
The formation and characteristics of different kinds of rocks; how they tell the history of the earth. Colorful illustrations.

Pine, Tillie and Joseph Levine. Air All Around. McGraw, 1960. 48 pp. $2.95, Gr. 2-5. Fascinating facts and uses of air; activity and discovery.

Podendorf, Illa. Pebbles and Shells. Children's, 1963. 48 pp. $2.00, Gr. 2-5.
Colorfully illustrated, this book awakens interest that will lead to exploration of many areas of science.

_____. True Book of Jungles. Children's, 1959. $2.00, Gr. 2-4.

_____. True Book of Rocks and Minerals. Children's, 1958. $2.00, Gr. 2-4.

Possell, Elsa. True Book of Deserts. Children's, 1958. $2.00, Gr. K-5.

Ross, George Maxim. The River. Dutton, 1966. 40 pp. $3.75, Gr. 3-5.
From a trickle to the wide river, the story is developed like poetry in short simple sentences: every page has illustrations by author in a form like Japanese brushwork.

Schwartz, Julius. Now I Know. McGraw, 1955. $2.00, Gr. 2-4.
A book written to make children aware of simple things about them, such as rain, shadows, and sounds.

Shapp, Martha and David. Let's Find Out About Air. Watts, 1963. 44 pp. $2.65, Gr. 2-5. Children find out how air helps them hear and create music.

Shapp, Martha and Charles. Let's Find Out About Animals of Long Ago. Watts, 1968. 48 pp. $2.65, Gr. 2-5. Fascinating illustrations help keep the interest high as the simple prose tells the story.

Simon, Seymour. Motion. Coward, 1968. 48 pp. $3.29, Gr. 2-4.
Simple prose, fine illustrations, and basic experiments.

Sebastian, Lee. Rivers. Holt, 1966. $2.95, Gr. 2-4.
Profusely illustrated, scientific principles grow out of simple text.

_____. The South Pole. Holt, 1968. $2.95, Gr. 2-4.
Vivid illustrations bring to life an unknown region.

Tannenbaum, Harold and Nathan Stillman. We Read about Lightning and Thunder. Webster. $.36, Gr. 2-4. These are explained in such a way that children quickly grasp their importance to our lives.

Vasilu, Mircea. The Merry Wind. Day, 1967. 48 pp. $3.29, Gr. 1-3.
With delicate color illustrations by the author, the work of the wind is depicted in an imaginative mood as playful, merry and even naughty, but scientific concepts are there.

EARTH SCIENCE CONTINUED

Waller, Leslie. Continents and Islands. Grosset, 1969. $2.50, Gr. 2-4. Easy reading but informative. Well illustrated.

Wise, William. Monsters of Today and Yesterday. Putnam, 1967. 64 pp. $2.68, Gr. 2-4. Interesting easy reading with fine illustrations.

_____. In the Time of the Dinosaurs. Putnam, 1963. 64 pp. $2.68, Gr. 1-3. The interesting subject encourages independent reading.

ELECTRICITY - MAGNETS

Branley, Franklyn M. and Eleanor Vaughan. Mickey's Magnet. Crowell, 1956. 48 pp. $2.50, Gr. K-3. Precise information on magnets in a form to appeal to every child.

_____. Rusty Rings A Bell. Crowell, 1957. 32 pp. $2.50, Gr. K-3. Basic principles of wiring and electricity, with experiments, woven into a story of a boy sick in bed with a cold.

_____. Timmy and the Tin-Can Telephone. Crowell, 1959. $2.50, Gr. 1-3. The principles of sound transmission explained by words and pictures. Easy directions for making a telephone.

Kerner, Ben. Electricity. Coward, 1965. 48 pp. $3.29, Gr. 2-5. An everyday topic made clear and understandable.

Kohn, Bernice. Light. Coward, 1965. 48 pp. $3.29, Gr. 2-4. Scientific principles explained in easy flowing prose.

_____. Telephones. Coward, 1967. 48 pp. $3.29, Gr. 2-4. Basic principles of sound traveling through space.

Pine, Tillie and Joseph Levine. Light All Around. McGraw, 1961. 48 pp. $2.95, Gr. 2-5. Light and colors; light can bounce: and the sun shines at night!

Podendorf, Illa. True Book of Magnets and Electricity. Children's, 1961. 48 pp. $2.00, Gr. K-6. Shows different magnets and characteristics; a simple circuit, uses of electricity, static electricity.

Sacks, Raymond. Magnets. Coward, 1967. 48 pp. $3.29, Gr. 2-4. Basic experiments enliven the easy reading.

Tannenbaum, Harold and Nathan Stillman. We Read About Electiricty and How It is Made. Webster. $.36, Gr. 2-4. Various methods by which electricity may be harnessed; basic components of generators; an exceptionally clear description of an atomic power plant.

Victor, Edward. Electricity. Follett, 1961. 32 pp. $1.00, Gr. 3-7. Deals with the nature and function of electricity both static and current.

_____. Magnets. Follett, 1962. 32 pp. $1.00, Gr. 2-6. Different kinds of magnets, their uses; simple experiments. Well illustrated with drawings and diagrams.

Waller, Leslie. Electricity. Holt, 1964. $2.95, Gr. 2-4. A topic of everyday interest, is developed with illustrations on every page.

FISH, AMPHIBIANS AND REPTILES

Ballard, Lois. True Book of Reptiles. Children's, 1957. $2.00, Gr. K-4.

Chenery, Janet. Toad Hunt. Harper, 1967. 64 pp. $2.50, Gr. 2-4. Young readers will no longer be frightened or squeamish about this friendly animal.

Darby, Gene. What is a Fish? Benefic Press. $1.80, Gr. K-3.

Dillon, Wallace. Salmon. Follett, 1962. 32 pp. $1.00, Gr. 2-5. The life cycles of several different species of Pacific salmon, with full color illustrations.

FISH, AMPHIBIANS AND REPTILES CONTINUED

Fenton, Carroll. Goldie is a Fish. Day, 1961. 48 pp. $2.68, Gr. 2-4.
Fascinating facts about fish life and habits are learned in watching a pet goldfish.

Inger, Robert F. The Reptiles. Follett, 1966. 32 pp. $1.00, Gr. 2-6.
Their body structure, habits and relation to man, told in easy language and with fascinating illustrations.

Kellin, Sally. A Book of Snails. Scott, 1968. $3.50, Gr. 2-5.
Informal but informative, with unusual photographs.

McClung, Robert M. Bufo: The Story of a Toad. Morrow, 1954. $2.00, Gr. 2-4.
The story of a toad from egg to full life, with illustrations.

Meeks, Esther K. Snakes. Follett, 1962. 32 pp. $1.00, Gr. 2-6.
Life cycle and habits of snakes with rich full-color illustrations. Easy interesting text keeps interest high.

Selsam, Millicent. Let's Get Turtles. Harper, 1965. 64 pp. $2.50, Gr. 1-4.
A "Science I Can Read" book, well illustrated.

_____. Plenty of Fish. Harper, 1960. 64 pp. $2.50, Gr. 1-4.
A "Science I Can Read" book.

_____. Plenty of Fish. Harper, 1960. $1.95, Gr. K-3.
A happy blend of goldfish and humans in the "Science I Can Read" series.

Shapp, Martha and Charles. Let's Find Out About Fishes. Watts, 1966. 48 pp. $2.65, Gr. 2-5. Kinds and habitats and characteristics, simply told and very well illustrated.

_____. Let's Find Out About Snakes. Watts, 1968. 48 pp. $2.65, Gr. 2-4.
Simply told but accurate and fun.

Voight, Virginia F. Picta, the Painted Turtle. Putnam, 1963. 48 pp. $2.68, Gr. 1-3. Fine illustrations and easy reading.

Wong, Herbert H. and Matthew F. Vessel. My Goldfish. Addison-Wesley, 1969. 32 pp. $4.35, Gr. 2-4. Full color illustrations help explain the story of a fish from egg to adult, and how to care for one.

Zim, Herbert S. The Great Whales. Morrow, 1951. $2.00, Gr. 1-6.
Facts about the giant of the sea, told in interesting style with illustrations.

HEALTH

Fenton, Carroll and Eloise Turner. Inside You and Me. Day, 1961. 64 pp. $2.86, Gr. 1-4. Color drawings help the simple explanations of the functions and relationships of various parts of the human body.

Follett, Robert. Your Wonderful Body. Follett, 1961. 32 pp. $1.00, Gr. 2-6.
How the human body works is explained in simple language with clear diagrams and drawings in full color.

Hinshaw, Alice. Your Body and You. Children's, 1959. 48 pp. $2.00, Gr. 2-4.
An interesting, colorfully illustrated account of the human body, simply written for a child.

Lerner, Marguerite R. Michael Gets the Measles. Lerner, 1959. $3.25, Gr. 2-6.
What really happens to you when you get this disease is explained in easy prose and verse.

Showers, Paul. How Many Teeth? Crowell, 1962. 40 pp. $3.50, Gr. 1-4.
With lively illustrations on every page, the simple text explains the number of teeth a person has from one year of age to adulthood.

Vasilu, Mircea. The World is Many Things. Day, 1967. 48 pp. $3.29, Gr. 1-4.
How much there is to discover in the world through the use of the five senses. Color illustrations by author.

INSECTS - WORMS

Adrian, Mary. Garden Spider. Holiday, 1951. 40 pp. $2.50, Gr. 2-4.
Life-cycle story of our common spider. Authentic. Large type.

_____. Honey Bee. Holiday, 1952. $2.00, Gr. 3-7.
The work and habits of bees.

Blough, Glenn. Discovering Insects. McGraw, 1967. 48 pp. $3.50, Gr. 2-5.
Lively drawings and simple text encourage children to watch and observe and try simple experiments.

Brouillette, Jeanne. Butterflies. Follett, 1961. 32 pp. $1.00, Gr. 2-5.
Varieties and life cycle of butterflies, with accurate full-color illustrations.

Conklin, Gladys. I Like Butterflies. Holiday, 1960. 26 pp. $2.95, Gr. K-3.
Easily found butterflies and moths very simply presented. Full color illustrations.

_____. I Like Caterpillars. Holiday, 1958. 28 pp. $2.95, Gr. K-3.
Childlike, non-technical presentation of common caterpillars. Full color illustrations.

_____. Lucky Ladybugs. Holiday, 1968. 32 pp. $4.50, Gr. 2-4.
A simple, scientifically accurate description of the ladybug beetle.

_____. We Like Bugs. Holiday, 1962. 28 pp. $2.95, Gr. K-3.
Science for the curious young observer not yet ready for technical explanations.

_____. When Insects are Babies. Holiday, 1969. 40 pp. $4.50, Gr. 2-4.
With simple text and beautiful illustrations, the growth of 17 insects, from egg to adult, is described.

Darby, Gene. Jerry Finds Bees. Steck, 1967. 48 pp. $2.25, Gr. 2-4.
Thoroughly illustrated, easy to understand, interesting.

_____. Jerry Finds Spiders. Steck, 1969. 48 pp. $2.25, Gr. 2-5.
Little girls will find spiders fascinating rather than frightening. Well illustrated, keeping interest high.

_____. Jerry Finds Ants. Steck, 1964. 48 pp. $2.25, Gr. 2-4.
Thoroughly illustrated, easy to understand.

Dupre, Ramona S. Spiders. Follett, 1967. 32 pp. $1.00, Gr. 2-5.
Physical and behavioral characteristics of many types; use to man; attractive full color illustrations.

Garelick, May. Where Does the Butterfly Go When It Rains? Scott, 1961. $3.75, Gr. 1-2. Stimulates speculation and wonder.

Gibson, Gertrude H. About Garden Dwellers. Melmont, 1958. 32 pp. $2.50, Gr. 1-4. Earthworms, a snail, pill bugs, a lizard and a horned toad are examined by a group of children and their teachers. Two color illustrations.

Goudy, Alice. Red Legs. Scribners, 1966. 64 pp. $3.63, Gr. 2-5.
Scientifically, yet simply, the life cycle of the grasshopper and his struggle for survival is explained; profuse illustrations.

Hopf, Alice. Butterfly and Moth. Putnam, 1969. 64 pp. $2.68, Gr. 2-4.
Illustrations every page make this fascinating reading.

Hutchins, Rose E. Travels of Monarch X. Rand, 1966. 64 pp. $3.95, Gr. 2-4.
A banded Monarch Butterfly is traced from Canada to Mexico.

Marcher, Marion W. Monarch Butterfly. Holiday, 1954. $2.00, Gr. 3-5.
Graphic illustrations help to tell the life cycle of the monarch butterfly.

McClung, Robert M. Sphinx: The Story of a Caterpillar. Morrow, 1949. $2.00, Gr. 4-8. How a moth comes from the Sphinx caterpillar.

Podendorf, Illa. True Book of Insects. Children's, 1954. $2.00, Gr. K-4.

_____. True Book of Spiders. Children's, 1962. 48 pp. $2.00, Gr. 2-5.
Fascinating information about how spiders live and how they help us.

Selsam, Millicent. Terry and the Caterpillars. Harper, 1966. 64 pp. $2.50, Gr. 1-4. A little girl finds out the wonders of the caterpillar's life.

INSECTS - WORMS CONTINUED

Smith, Gary and Vesta. Creepy Caterpillar. Steck, 1961. 42 pp. $2.95, Gr. 1-3. Colored page-size pictures and easy prose show the change from caterpillar to butterfly.

Stevens, Carla. Catch a Cricket. Scott, 1961. 96 pp. $3.00, Gr. 1-3. Written in simple style and illustrated with photos of boys and bugs.

Pfadt, Robert E. Grasshoppers. Follett, 1966. 32 pp. $1.00, Gr. 2-5. Presents the physical structure, life cycle and habits, with full color illustrations.

Tibbets, Albert B. The First Book of Bees. Watts, 1952. $1.95, Gr. 2-9. The habits and characteristics of bees.

Wong, Herbert H. and Matthew F. Vessel. My Ladybug. Addison-Wesley, 1967. 32 pp. $4.35, Gr. 2-4. Written in a discovery style, the reader watches some insects in a jar and learns about them.

MACHINES - WORKMEN

Carson, Hazel. Peter and the Big Balloon. Benefic Press. $1.92, Gr. 2-4.

Colonius, Lillian. At the Airport. Melmont, 1953. 24 pp. $4.50, Gr. 1-4. An over-all view of activities at a large city airport.

Hamilton, Russel D. First Book of Trains. Watts, 1955. $1.95, Gr. 2-5. Description of today's trains and how they operate.

Kerner, Ben. Friction. Coward, 1968. 48 pp. $3.29, Gr. 2-5. Scientific principle tied into everyday life with basic experiments and explanatory illustrations.

Kohn, Bernice. Levers. Coward, 1967. 48 pp. $3.29, Gr. 2-4. A simple machine that leads to complicated science.

Lewellen, John. The True Book of Toys at Work. Children's, 1953. $1.50, Gr. 2-6. A simple, but scientific account, of gravity, sound, and friction.

Miller, Lisa. Wheels. Coward, 1965. 48 pp. $3.29, Gr. 2-4. A simple basic machine which raised civilizations.

Olschewski, Alfred. We Fly. Little, 1967. 32 pp. Gr. 1-3. Pictures occupy most of every page, with a few sentences to explain each, telling the history of flight.

Schwartz, Julius. Go On Wheels. McGraw, 1965. 32 pp. $2.50, Gr. 2-4. All wheels are round because that's the best shape for rolling.

Tannenbaum, Harold and Nathan Stillman. We Read About Airplanes and How They Fly. Webster. $.36, Gr. 2-4. This beautifully illustrated booklet deals with fundamental facts about forces that exist and how these forces are used by airplanes to fly.

_____. We Read About Rockets and How They Work. Webster. $.36, Gr. 2-4. Rocket shapes and fuels, and the principle of thrust, are discussed and explained in an easily understood manner.

_____. We Read About Taking Pictures. Webster. $.36, Gr. 2-4. Deals with the color changing properties of light and the importance of light in taking pictures; discusses cameras and the development of film.

_____. We Read About Television and How It Works. Webster. $.36, Gr. 2-4. Children learn the secret of how light and sound are changed into waves at the television studio, and how waves are converted into sound and picture on their TV.

Victor, Edward. Airplanes. Follett, 1966. 32 pp. $1.00, Gr. 2-5. A book on flying and on aeronautics, in simple text with full color diagrams and illustrations to hold interest high.

Ziner, Feenie. About Wonderful Wheels. Melmont, 1959. 24 pp. $2.50, Gr. 1-5. Wheels down through the ages, from potter's wheel to the wheels of intricate engines.

OCEAN LIFE

Adrian, Mary. Fiddler Crab. Holiday, 1953. 44 pp. $2.50, Gr. 2-4.
Life of the fiddler, archetype for all crabs. Large type.

Blough, Glenn. Who Lives at the Seashore? McGraw, 1962. 48 pp. $3.25, Gr. 2-5.
Tides, plants and many curious creatures are met through simple text and beautiful illustrations.

Goudy, Alice. Here Come the Dolphins! Scribners, 1961. 94 pp. $3.25, Gr. 2-5.
Fascinating description of the dolphin, made famous by TV.

_____. Houses From the Sea. Scribners, 1959. 32 pp. $3.25, Gr. 2-4.
A lovely beginning book on sea shells, color pictures.

Greenhood, David. Watch the Tides. Holiday, 1961. 40 pp. $3.50, Gr. 2-4.
How tides are made and what they do, simply told.

Holsaert, Eunice. Ocean Wonders. Holt, 1965. 48 pp. $2.95, Gr. 2-4.
A well illustrated book, which brings the ocean to your door.

Kinney, Jean. What Does the Tide Do? Scott, 1967. $3.95, Gr. 1-3.
Observation of changes caused by tides.

Phleger, Fred and Marjorie. You Will Live Under the Sea. Random, 1966. 72 pp. $2.19, Gr. 2-6. The reader visits undersea mines, the Finnegan Fish Ranch and the Kelly Kelp Farm.

Sauer, Peter. Seashell Towns. Coward, 1968. 48 pp. $3.29.
Distinctive illustrations, simple prose, and science facts.

Wadell, Helene J. When the Tide Goes Out. World, 1969. 48 pp. $4.50, Gr. 1-3.
Clear accurate text and stunning photos show the amazingly varied world of seaside plants and animals.

Wise, William. Monsters of the Ancient Seas. Putnam, 1969. 64 pp. $2.68, Gr. 2-4.
Colorful, illustrations every page, one or two paragraphs of reading.

SEASONS

Blough, Glenn O. Wait for the Sunshine. McGraw, 1954. $2.25, Gr. 4-8.
Growing processes are outlined as a boy sees the seasons go by.

Branley, Franklyn. Snow is Falling. Crowell, 1963. 40 pp. $3.50, Gr. 1-4.
Simple text attractively illustrated in color explains what makes snow and what snowflakes are really like.

Duvoisin, Roger. Spring Snow. Random, 1963. $2.29, Gr. 1-4.
Here's a surprise! A book about spring snow, not winter!

Hastings, Evelyn B. About All Kinds of Days. Melmont, 1955. 24 pp. $2.50, Gr. K-2. Weather and children. Short, easy sentences.

Podendorf, Illa. True Book of Seasons. Children's, 1955. $2.00, Gr. K-4.

Sauer, Peter. Seasons. Coward, 1969. 48 pp. $3.29, Gr. 2-4.
Beautiful illustrations make the flowing prose easy.

Simon, Mina. Who Knows When Winter Goes? Follett, 1965. 32 pp. $3.00, Gr. 2-4.
A beautiful book with simple text showing how the signs of spring affect the lives of forest creatures.

Vasilu, Mircea. The Year Goes Round. Day, 1964. 48 pp. $3.29, Gr. 1-4.
The subtle changing of the seasons, with soft delicate drawings illustrating the simple prose.

SPACE TRAVEL

Corson, Hazel W. Peter and the Rocket Team. Benefic. 64 pp. $2.60, Gr. 1-4.
Written in an appealing exciting tale, many scientific principles are learned.

_____. Peter and the Unlucky Rocket. Benefic Press. $1.92, Gr. 2-4.

Freeman, Mae and Ira. You Will Go To the Moon. Random, 1959. $1.05, Gr. 1-3.
A scientific account of a trip to the moon, with controlled vocabulary.

SPACE TRAVEL CONTINUED

Frost, Frances. Rockets Away. Whittlesey, 1953. $2.00, Gr. 2-5. Authentic space travel to the moon.

Holsaert, Eunice. Outer Space. Holt, 1959. 48 pp. $2.95, Gr. 2-4. With the fine illustrations on every page, the child will feel he is really there.

Lewellen, John B. The Mighty Atom. Knopf, 1955. $2.00, Gr. 3-9. The elements of the atom explained in a simple manner.

Podendorf, Illa. True Book of Space. Children's, 1959. $2.00, Gr. K-4.

Schneider, Herman and Nina. You Among the Stars. W. R. Scott, 1951. $2.50, Gr. 3-8. Man's place within the cosmic world, given by analogies.

Schwartz, Julius. The Earth is Your Spaceship. McGraw, 1963. 32 pp. $2.50, Gr. 2-4. Science and fun as the children discover that earth is a space traveler.

TREES AND PLANTS

Adamson, Jean and Gareth. The Family Tree. Whitman, 1969. 32 pp. $3.50, Gr. 1-3. Large print. As seasons pass, the tree changes and so do the ways of the creatures it shelters.

Bancroft, Henrietta. Down Come the Leaves. Crowell. $2.50, Gr. K-3. In the simplest terms, it explains the functions of leaves, and tells when and why they fall.

Blough, Glenn. Discovering Plants. McGraw, 1966. 48 pp. $2.95, Gr. 2-5. The city child as well as the country child will enjoy learning about growing things and responsibility.

Busch, Phyllis. Once There Was a Tree. World, 1968. 48 pp. $4.50, Gr. 1-3. Size 10" x 8". Excellent photos help the simple prose to tell how plants and animals made use of the tree.

Foster, William K. and Pearl Queree. Seeds Are Wonderful. Children's, 1960. 32 pp. $2.50, Gr. 1-3. An explanation of the plant cycle and the importance of seeds, with experiments.

Hurd, Edith Thacher. This is the Forest. Coward, 1969. 48 pp. $3.29, Gr. 2-4. Simple, imaginative approach to scientific truths.

Hutchins, Rose E. Lives of an Oak Tree. Rand, 1962. 64 pp. $3.95, Gr. 2-5. Plenty of reading but simple with fast-moving interest.

Jordan, Helene J. How A Seed Grows. Crowell. 40 pp. $2.50, Gr. K-3. An excellent first science book for beginning independent readers. (Let's Read-and-Find-Out Series)

Lubell, Winifred and Cecil. Green is for Growing. Rand, 1964. $2.82, Gr. 1-3. Simply written, well illustrated, this book awakens an interest in nature study.

Podendorf, Illa. True Book of Plant Experiments. Children's, 1960. $2.00, Gr. K-6.

_____. True Book of Trees. Children's, 1954. $2.00, Gr. K-4.

_____. True Book of Weeds and Wildflowers. Children's, 1955. $2.00, Gr. 2-8. An account of garden and field weeds and flowers.

Ross, George Maxim. The Pine Tree. Dutton, 1967. 40 pp. $3.75, Gr. 2-5. How a pine seed grew into a tree in spite of the difficulties nature presented, told in simple short sentences like poetry and illustrated on every page by sketches like Japanese brushwork.

Selsam, Millicent. Seeds and More Seeds. Harper, 1959. 64 pp. $1.95, Gr. K-3. What seeds are, how they grow, where they come from, how they are dispersed. (I Can Read Series)

Shapp, Martha and Charles. Let's Find Out About Trees (Arbor Day). Watts, 1970. 48 pp. $2.95, Gr. 2-4. How trees grow, how we use them and why conservation is important. Easy reading.

TREES AND PLANTS CONTINUED

Tannenbaum, Harold and Nathan Stillman. We Read About Seeds and How They Grow. Webster. $.36, Gr. 2-4. Structure and growth of seeds is explained and the child's ability to recognize seeds is enlarged. Seeds become fascinating.

Webber, Irma Eleanor. Bits That Grow Big; Where Plants Come From. Scott, 1949. $2.00, Gr. 2-4. About plant reproduction in easy-to-read style; pictures and suggestions for simple experiments.

Wong, Herbert H. and Matthew F. Vessel. Our Tree. Addison-Wesley, 1969. 32 pp. $4.35, Gr. 2-4. Illustrated in full color. The seasonal cycle of a tree, and the world of animals in and around it.

Zim, Herbert S. What's Inside of Plants. Morrow, 1952. $1.75, Gr. 2-5. Large print and clear, colored illustrations to explain the parts and working of common plants.

ADDITIONAL SCIENCE TOPICS

Bendick, Jeanne. A Fresh Look at Night. Watts, 1963. 46 pp. $2.95, Gr. 1-3. The sounds, sights and activities that haunt the night.

Berger, Melvin. Atoms. Coward, 1968. 48 pp. $3.29, Gr. 2-4. A difficult subject placed within the range of easy reading.

_____. Gravity. Coward, 1969. 48 pp. $3.29, Gr. 2-4. Basic experiments are incorporated with easy prose and fine illustrations.

Carona, Philip. True Book of Chemistry. Children's, 1962. 48 pp. $2.00, Gr. 2-5. Basic concepts regarding elements, molecules, atoms, solids, liquids, gases, symbols, chemical and physical changes. 24 pt. type.

Johnson, Ryerson. Upstairs and Downstairs. Crowell. 40 pp. $2.50, Gr. K-3. Charming text and humorous illustrations suggest many methods of getting up and down. (Let's Read-and-Find-Out Series)

Jubelier, Ruth. About Jack's Dental Check-up. Melmont, 1959. 32 pp. $2.50, Gr. K-3. A child's regular six-months check-up brings out facts of the human body in an interesting way.

_____. About Jill's Check-up. Melmont, 1957. 38 pp. $2.50, Gr. K-3. Jill visits a doctor's office for a physical examination.

Kohn, Bernice. Echoes. Coward, 1965. 48 pp. $3.29, Gr. 2-4. A topic not often discussed in children's books.

Kumin, Maxine and Anne Sexton. Eggs of Things. Putnam, 1963. 48 pp. $2.68, Gr. 1-3. Easy reading, colorful, attractive.

_____. More Eggs of Things. Putnam, 1964. 48 pp. $2.68, Gr. 1-3. A very easy "See and Read" science book.

Milgrom, Harry. Adventures with a Ball. Dutton, 1965. 32 pp. $3.50, Gr. 1-3. The ball's behavior when bounced and rolled in different ways lays the foundation of Newton's laws, friction and gravity.

_____. Adventures with a Paper Cup. Dutton, 1968. 32 pp. $3.50, Gr. 1-3. Simple experiments lead to discoveries of foundations for later scientific learning.

_____. Adventures with a Party Plate. Dutton, 1968. 32 pp. $3.50, Gr. 1-3. Simple experiments lead children to observe carefully, reason clearly, and act imaginatively. Illustrations are clear and informative.

Miller, Lisa. Sound. Coward, 1965. 48 pp. $3.29, Gr. 2-4. Illustrations and diagrams, easy prose and simple experiments bring out the basic scientific principles involved.

Neal, Charles D. Sound. Follett, 1962. 32 pp. $1.00, Gr. 2-4. How sound is made, how it travels, how it helps man.

Pine, Tillie and Joseph Levine. Heat All Around. McGraw, 1963. 48 pp. $2.50, Gr. 2-5. Where does heat come from, how does it make our weather, and even how do storm windows work?

ADDITIONAL SCIENCE TOPICS CONTINUED

Podendorf, Illa. True Book of Energy. Children's, 1963. $2.00, Gr. 1-4. Introduces basic concepts related to uses and kinds of energy--wind, water, electrical, magnetic, heat, sunlight, mechanical and chemical

_____. True Book of More Science Experiments. Children's, 1956. $2.00, Gr. 1-3.

_____. True Book of Science Experiments. Children's, 1954. $2.00, Gr. K-4.

_____. True Book of Sounds We Hear. Children's, 1955. $2.00, Gr. K-4.

_____. True Book of Weather Experiments. Children's, 1961. 48 pp. $2.00, Gr. K-6. Encourages children to reach a new awareness of weather through simple experiments and by building a wind vane, a barometer, anemometer, rain gauge, etc.

Schwartz, Julius. Uphill and Downhill. McGraw, 1963. 32 pp. $2.50, Gr. 2-4. Experience and experiment lead to exploration and discovery of scientific truths.

Showers, Paul. In the Night. Crowell. 40 pp. $2.50, Gr. K-3. What a child sees when his eyes have become accustomed to the dark. (Let's Read-and-Find-Out Series)

Tannenbaum, Harold and Nathan Stillman. We Read About Fire and How It is Used. Webster. $.36, Gr. 2-4. Children learn why things burn and what components are necessary to make fire. Many safety hints are included.

_____. We Read About Sounds and How They Are Made. Webster. $.36, Gr. 2-4. Stimulating text and illustrations show how vibrations travel through air, water and the earth to reach our ears as sound.

_____. We Read About Very Tiny Living Things (Microbes). Webster. $.36, Gr. 2-4. About the many plants and animals that are invisible to the naked eye, and their beneficial as well as harmful effects. Explanation of the use of the lens and microscope.

Victor, Edward. Friction. Follett, 1961. 32 pp. $1.00, Gr. 2-5. What friction is and how it works for us and against us.

Wong, Herbert H. and Matthew F. Vessel. Our Terrariums. Addison-Wesley, 1969. In the excitement of catching and keeping a toad, the children learn how plants, animals and climate interact.

The Reason Why books, authored by Irving and Ruth Adler, have a grade 2 reading level (interest level - grades 3-6). The books are 48 pages and 6½" x 8¼". The price per title is $2.97. Each book emphasizes the "why" of a particular science and provides in-depth explanations of fundamentals. The John Day Company, Inc.

Atoms and Molecules, 1966
The Calendar, 1967
Coal, 1965
Communication, 1967
Directions and Angles, 1969
Evolution, 1965
Fibers, 1964
Heat, 1964
Houses, 1964
Irrigation, 1964
Machines, 1964
Magnets, 1966
Numerals (New System), 1964
Sets, 1967
Shadows, 1961, rev. 1968
Taste, Touch and Smell, 1966
Tree Products, 1966
Your Ears, 1966
Your Eyes, 1966

THIRD GRADE READING LEVEL
(Interest level indicated with each book)

ANIMALS - DOMESTIC

Adrian, Mary. The American Mustang. Hastings, 1964. 64 pp. $3.50, Gr. 2-5. Excellent illustrations point up the importance of conservation. In "Preserve Our Wildlife Series."

Broderick, Dorothy M. Training A Companion Dog. Prentice, 1965. 72 pp. $3.75, Gr. 3-8. Profusely illustrated but not a picture book.

Darby, Gene. What Is a Cow? Benefic Press. 44 pp. $2.20, Gr. 2-4. Color illustrations.

Hess, Lilo. The Timid Sheep. Crowell, 1965. 64 pp. $3.75, Gr. 2-4. A story of a shy ewe and her baby lamb, with scientific accuracy in detail, flowing reading, and fascinating photographs.

Lauber, Patricia. The Story of Dogs. Random, 1966. $2.95, Gr. 3-6. A boy's best friend, and a girl's too.

Pistorius, Anna. What Dog Is It? Follett, 1951. 24 pp. $1.50, Gr. 4-7. Forty types of dogs are described and illustrated.

_____. What Dog Is It? Follett, 1968 (new issue). 32 pp. $1.75, Gr. 2-6. Brief, interesting factual information is given about forty individual dogs, with color illustrations. Book size 10 x 8.

_____. What Horse Is It? Follett, 1968 (new issue). 32 pp. $1.75, Gr. 3-7. The history and description of all major breeds of horses, written in simple text with full color illustrations by the author. Book size 10 x 8.

ANIMALS - GENERAL

Adrian, Mary. The American Alligator. Hastings, 1963. 64 pp. $3.50, Gr. 2-5. Unknown and little understood, this animal needs to play its part in our ecology.

Annixter, Paul. Puck of the Dusk. Scribners, 1970. 32 pp. $3.65, Gr. 2-5. Exciting and informative story of a red bat, from birth through maturity.

Aruego, Jose. Synbiosis. Scribners, 1970. 40 pp. $3.65, Gr. 2-5. A delightfully entertaining book about amazing pairs of animals that help one another.

Blough, Glenn O. After the Sun Goes Down. McGraw, 1956. 48 pp. $2.50, Gr. 3-5. Some of the forest animals and birds are shown in their pursuits after dark.

Blough, Glenn O. and Marjorie H. Campbell. When You Go to the Zoo. McGraw, 1955. 128 pp. $2.75, Gr. 5-12. How zoo animals are housed, fed and trained.

Brandhorst, Carl and Robert Sylvester. The Tale of Whitefoot. Simon, 1968. $3.50, Gr. 3-6. The hazardous life of a mouse.

Bridges, William. Zoo Babies. Morrow, 1953. 96 pp. $3.56, Gr. 1-5. Thirteen true stories of baby animals that grew up at the Bronx Zoo, many photographs.

_____. Zoo Pets. Morrow, 1955. 96 pp. $3.56, Gr. 1-5. Simple, lively stories of nine favorite animals in the Bronx Zoo, with 64 photographs.

Buff, Mary and Conrad. Forest Folk. Viking, 1962. $3.00, Gr. 3-5. Three-year-old Dash is ready to become king of the forest.

Byrd, Ernestine. Ice King. Scribners, 1966. 144 pp. $3.63, Gr. 3-6. The fascinating story of Atu, a polar bear, and his struggle to survive in the Artic World.

Clark, Mary Lou. True Book of Dinosaurs. Childrens Press, 1955. $2.00, Gr. 1-5.

Collins, Henry Hill, Jr. Junior Science Book of Turtles. Garrard. 64 pp. $2.50, Gr. 2-5. Describes many kinds of turtles, from tiny house pets to the zoo pound alligator snapping turtle.

ANIMALS - GENERAL CONTINUED

Crosby, Alexander L. Junior Science Book of Beavers. Garrard, 1963. 64 pp. $2.50, Gr. 2-5. The beaver is not only an engineer but also a master builder who can change the whole course of waterways to suit his needs.

Darling, Louis. Kangaroos and Other Animals With Pockets. Morrow, 1958. 64 pp. $3.14, Gr. 3-8. Brief, simple introduction to the life and habits of these animals, well illustrated by the author.

_____. Penguins. Morrow, 1956. 64 pp. $3.14, Gr. 3-6. Brief, well printed text with illustrations by the author on almost every page.

Earle, Olive L. Squirrels in the Garden. Morrow, 1963. 64 pp. $3.14, Gr. 2-6. An easy-to-read life cycle story with appealing pencil drawings by author.

Eberle, Irmengarde. Bears Live Here. Doubleday, 1966. 61 pp. $3.25, Gr. 1-3. Illustrated with page-size rare photographs, it tells the story of a year with a bear family and the two cubs.

_____. Koalas Live Here. Doubleday, 1967. 59 pp. $3.50, Gr. 1-3. A year in the life of a koala family in Australia, with beautiful photographs.

Erickson, Phoebe. Cattail House. Childrens Press, 1962 (new edition). 32 pp. $2.50, Gr. 3+. Muskrat leaves his cattail house to explore the woods and meets many creatures. Gay illustrations by the author.

_____. True Book of Animals of a Small Pond. Children's Press, 1953. $2.00, Gr. K-4.

Franklin, George Cory. Tuffy. Houghton, 1954. 148 pp. $2.25, Gr. 5-9. About animals and the woods and the story of a particular beaver.

Hess, Lilo. Animals that Hide, Imitate and Bluff. Scribners, 1970. 64 pp. $3.37, Gr. 2-5. Fascinating introduction to camouflage in woods, fields, and jungles. Amazing photographs.

_____. Foxes in the Woodshed. Scribners, 1966. 48 pp. $3.12, Gr. 2-4. Delightful photographs illustrate a humorous story, full of scientific facts carefully detailed.

_____. The Curious Raccoons. Scribners, 1968. 48 pp. $3.31, Gr. 2-5. In remarkable photographs, the author shows the spontaneous and natural behavior of a mother raccoon.

_____. The Misunderstood Skunk. Scribners, 1969. 48 pp. $3.31, Gr. 2-5. With striking photographs and entertaining informative text, the skunk is shown to be appealing and even helpful.

Huntington, Harriet E. Let's Go to the Desert. Doubleday, 1949. 90 pp. $2.75, Gr. 5-12. An explanation of life on the desert.

Hutchins, Rose E. Adelbert the Penguin. Rand, 1969. 64 pp. $3.95, Gr. 2-5. Illustrations on every page make the fast-moving simple prose easy to understand.

Kohn, Bernice. The Bat Book. Hawthorn, 1967. $3.95, Gr. 3-6. Fine illustrations keep interest high.

_____. Marvelous Mammals: Monotremes and Marsupials. Prentice, 1963. $3.75, Gr. 3-8. The title is difficult but awakens curiosity which the flowing prose and fine illustrations satisfies.

Lauber, Patricia. Penguins. Garrard, 1963. 64 pp. $2.10, Gr. 2-5. The curious habits of these strange birds, illustrated in excellent photographs.

_____. The Surprising Kangaroos. Random, 1965. $2.19, Gr. 3-6. Smooth flowing prose and fine illustrations.

_____. Bats: Wings in the Night. Random, 1968. $1.95, Gr. 3-6. Illustrations and drawings explain the scientific truths about these strange creatures.

Lemmon, Robert S. Junior Science Book of Big Cats. Garrard. 64 pp. $2.50, Gr. 2-4. This fact-filled book tells about modern cats and prehistoric cats, jungle cats and pet cats.

ANIMALS - GENERAL CONTINUED

Jacobs, Lou Jr. Four Walruses. Scott, 1969. $3.95, Gr. 2-6.
A photographic book about how four walruses were captured and grew up in an oceanarium.

Johnston, Johanna. Penguin's Way. Doubleday, 1962. 48 pp. $3.00, Gr. 2-5.
Illustrated every page in three colors. Easy paragraphs describe the life of the emperor penguins.

May, Charles Paul. When Animals Change Clothes. Holiday, 1965. 64 pp. $2.75, Gr. 3-6. Growth and change, in terms of animals' coverings, clearly presented.

_____. Box Turtle Lives In Armor. Hale, 1960. 47 pp. $2.50, Gr. 2-4.
A life-cycle story of one of the most common reptiles. Illustrated in color.

Meeks, Esther K. Mammals. Follett, 1962. 32 pp. $1.00, Gr. 2-4.
Accurate descriptions, fascinating colored illustrations.

Milkowitz, Gloria D. The Zoo That Moved. Follett, 1968. 32 pp. $1.30, Gr. 2-5.
Based on the actual move of the Los Angeles Zoo in 1966, this book tells how the animals were prepared for moving. Many illustrations.

McClung, Robert M. Blaze: The Story of a Striped Skunk. Morrow, 1969. 48 pp. $3.14, Gr. 2-5. A mother skunk and her babies are followed through the spring and summer, profuse drawings.

_____. Spike, The Story of a Whitetail Deer. Morrow, 1952. 64 pp. $3.14, Gr. 2-6. Well-written and beautifully illustrated story of the first year of this deer's life.

_____. Whitefoot, The Story of a Wood Mouse. Morrow, 1961. 48 pp. $3.14, Gr. 2-5. A simple, direct narrative and attractive drawings by the author describe the life cycle of this creature with scientific accuracy and enjoyment for the reader.

Peterson, Barbara and Russell. Whitefoot Mouse. Hale, 1959. 54 pp. $2.50, Gr. 2-4. A life-cycle story of a woodland community and its inhabitants. Illustrated in color.

Pfadt, Robert E. Animals Without Backbones. Follett, 1967. 32 pp. $1.00, Gr.3-7.
Each important group of invertebrates is briefly described, dealing with animal structure and life habits, with excellent illustrations.

Purcell, John Wallace. True Book of African Animals. Childrens Press, 1954. $2.00, Gr. K-5.

Ravielli, Anthony. Elephants, The Last of the Land Giants. Parents, 1965. $3.50, Gr. 2-6. Fascinating, as well as clear and informative.

Schwartz, Elizabeth and Charles. When Animals Are Babies. Holiday, 1964. 36 pp. $3.95, Gr. 2-4. Depicts 28 baby animals with simple facts about each; illustrated in color by author.

_____. Cottontail Rabbit. Holiday, 1957. 46 pp. $2.50, Gr. 2-4.
Life story of a rabbit shows importance of wildlife food chain.

Sheldon, William D. Junior Science Book of Elephants. Garrard. 64 pp. $2.50, Gr. 2-5. Easy to read and profusely illustrated. Fascinating and authentic information about the elephant through the ages.

Van Gelder, Richard G. Bats. Follett, 1967. 32 pp. $1.00, Gr. 3-6.
The many species of bats, their lives, habits, and relation to man, explained interestingly with many colored pictures.

Zim, Herbert S. Monkeys. Morrow, 1955. $2.00, Gr. 2-5.
How different kinds of monkeys differ from one another and how they are alike. Simple writing.

ASTRONOMY

Asimov, Isaac. Galaxies. Follett, 1968. 32 pp. $1.00, Gr. 3-6.
Astronomical concepts, the immensity of the universe, and astronomical history is made comprehensible, with attractive informative illustrations.

ASTRONOMY CONTINUED

Asimov, Isaac. Mars. Follett, 1967. 32 pp. $1.00, Gr. 3-6.
Simple vocabulary, good type, diagrams, pictorial graphs, and conjectural drawings carry a surprising amount of information with high interest.

_____. Stars. Follett, 1968. 32 pp. $1.00, Gr. 3-6.
Up-to-date sophisticated astronomy made vivid with good color photographs. Vocabulary lists and Things-To-Do.

Branley, Franklyn M. Rockets and Satellites. Crowell, 1970. 33 pp. $3.75, Gr.2-6.
Revised edition, taking into account the latest developments, with scientifically accurate and very colorful new illustrations to keep interest high.

_____. What The Moon Is Like. Crowell, 1963. 40 pp. $3.50, Gr. 2-6.
All about the moon, and why we want to send astronauts there; illustrations in color make it vivid.

_____. The Big Dipper. Crowell. 40 pp. $2.50, Gr. K-3.
An explanation of the stars that constitute this well-known group. (Let's Read-and-Find-Out series)

_____. A Book of Planets For You. Crowell, 1961. $3.50, Gr. 1-3.

_____. The Moon Seems to Change. Crowell. 40 pp. $2.50, Gr. K-3.
Discusses the size of the moon, its distance from the earth, and explains the reasons for its phases.

Crosby, Phoebe. Junior Science Book of Stars. Garrard. 64 pp. $2.50, Gr. 2-5.
Enjoyable, well-illustrated story of the stars and constellations, the planets, the moon, and the Milky Way.

Fenton, Carroll. The Moon for Young Explorers. Day, 1963. 64 pp. $2.86, Gr. 2-5.
Describing an imaginary trip to the moon, the author brings out important scientific facts about the moon.

Lauber, Patricia. All About the Planets. Random, 1960. 140 pp. $2.95, Gr. 3-8.
Simple flowing paragraphs relate scientific facts, with many illustrations and diagrams.

May, Julian. Rockets. Follett, 1966. 32 pp. $1.00, Gr. 2-6.
The operating principles and a brief history of the rockets, with many diagrams and illustrations in vivid colors.

Rey, Hans Augusto. Find the Constellations. Houghton, 1954. 72 pp. $3.00, Gr. 5-12. About the constellations and how they look in the sky, giving facts about the solar system and space travel.

Schneider, Herman and Nina. You Among the Stars. Scott, 1951. $2.50, Gr. 3-5.
An easily read picture book which gives a concept of the universe in children's own terms.

Tannenbaum, Harald and Nathan Stillman. We Read About Earth and Space. McGraw, 1960. 24 pp. $.92, Gr. 2-4. An intriguing topic, carefully written and illustrated.

Wyler, Rose and Gerald Ames. The Golden Book of Astronomy. Golden Press, 1965. $5.00, Gr. 3-8. Colorful illustrations and information about stars, moon, sun and planets.

BIRDS

Adrian, Mary. The American Eagle. Hastings, 1963. 64 pp. $3.50, Gr. 3-5.
In "Preserve Our Wildlife Series." The dangers in the life of an eagle show us how important it is to protect it.

Ayars, James. John James Audubon: Bird Artist. Garrard, 1966. 80 pp. $2.19, Gr. 3-6. Intriguing story of how he roamed the fields and forests of early America, painting bird and animals.

Conklin, Gladys. If I Were A Bird. Holiday, 1965. 40 pp. $3.75, Gr. 2-5.
The songs, calls and outstanding characteristics of twenty-seven birds. Color illustrations.

BIRDS CONTINUED

Crosby, Alexander L. Canada Geese. Garrard, 1966. 64 pp. $2.19, Gr. 2-5.
The life of a great water-fowl is described, beautifully illustrated.

Earle, Olive L. Robins in the Garden. Morrow, 1953. 64 pp. $3.14, Gr. 2-6.
A naturalist's accuracy combined with charm and drama.

Freschet, Berniece. The Little Woodcock. Scribners, 1967. 48 pp. $3.63, Gr. 2-5.
Vivid pictures every page make the dramatic story of the dangers that beset the woodstock come to life.

_____. The Owl and the Prairie Dog. Scribners, 1969. 32 pp. $3.31, Gr. 2-4.
The life cycle of a prairie owl living in a prairie dog town appealingly told.

_____. Young Eagle. Scribners, 1965. 48 pp. $3.63, Gr. 3-6.
A dramatic description of the life of the Golden Eagle in the mountains of California and Montana, vivid illustrations.

Goldin, Augusta. Ducks Don't Get Wet. Crowell, 1964. 40 pp. $3.50, Gr. 2-4.
Oil and water do not mix, and the child will understand this from the experiment he is shown.

Hess, Lilo. Easter in November. Crowell, 1964. 49 pp. $4.50, Gr. 1-5.
Illustrated every page by photos by the author. The Araucana chickens who lay eggs in colors. Hatching out an egg in the classroom.

_____. Pigeons Everywhere. Scribners, 1967. 64 pp. $3.31, Gr. 2-4.
Lively, simple, but scientifically accurate account of life cycle of this bird including rare varieties and racers.

John, Betty. Hummingbirds. Follett, 1960. $1.00, Gr. 2-5.
(Follett Beginning Science Series)

May, Julian. Why Birds Migrate. Holiday, 1970. 36 pp. $4.95, Gr. 2-5.
The author looks at the historic origins of migrations and the need to find food, and how birds navigate. Colored pictures.

McClung, Robert M. Otus, The Story of a Screech Owl. Morrow, 1959. 48 pp. $3.14, Gr. 3-5. The simple life history of a pair of screech owls and their four young. Beautiful illustrations.

_____. Redbird, The Story of a Cardinal. Morrow, 1968. 48 pp. $3.14, Gr. 3-5.
Accurate scientifically, with drawings by the author that are personifications of beauty and realism.

Pierce, Georgia. Bird Life. Garrard, 1967. 64 pp. $2.19, Gr. 2-5.
How to build nesting houses and bird feeders; kinds of food to put out.

Rush, Hanniford. Backyard Birds. Macmillan, 1964. 32 pp. $1.95, Gr. 2-6.
Illustrated every page in full color with sharp detail, the short easy reading on each page will be doubly enjoyed.

Schwartz, Elizabeth and Charles. Bobwhite from Egg to Chick to Egg. Holiday, 1959. 48 pp. $2.50, Gr. 2-4. Life-cycle account typical of all chicken-like birds.

Sears, Paul McCutcheon. Barn Swallow. Holiday, 1955. 48 pp. $2.50, Gr. 2-4.
Scientifically accurate story of the insect-devouring migratory swallow.

_____. Downy Woodpecker. Holiday, 48 pp. $2.50, Gr. 2-4.
A downy's life: hunting food, nesting, mating, color illustrations.

Thayer, Peter. The Flyingest Robin. Childrens Press, 1965. 66 pp. $2.00, Gr. 2-6.
Bird feeding and migration developed through an interesting family story, easy to read and fun.

Wasson, Isabel B. Birds. Follett, 1963. $1.14, Gr. 2+.
Authenticated, up-to-date scientific information especially written for controlled vocabularies, with full color illustrations.

Wong, Herbert H. and Matthew F. Vessel. Animal Habitats: Where Can the Red-Winged Blackbirds Live? Addison-Wesley, 1970. 40 pp. $4.35, Gr. 2-4.
Follows a flock of migrating birds through a series of vastly different environments.

Wright, Dare. Look At a Gull. Random, 1967. 48 pp. $2.95, Gr. 3-8.
Beautiful photos by author complement the simple but very informative text.

BIRDS CONTINUED

Zim, Herbert S. Owls. Morrow, 1950. $2.00, Gr. 3-6.
About the habits and characteristics of owls and told in an interesting way.
_____. Parakeets. Morrow, 1953. $2.00, Gr. 2-6.
Black and white drawings show parakeets; text tells how to raise and train them.

CONSERVATION

Colby, Carroll Burleigh. Soil Savers: The Work of the Soil Conservation Service of the U.S. Department of Agriculture. Coward-McCann, 1957. 48 pp. $2.00, Gr. 3-6. The function of the Soil Conservation Service for farmers and forestrymen; how land can be protected.
Dobrin, Norma. About Foresters. Melmont, 1962. 32 pp. $2.50, Gr. 3-6.
Stresses the value of forests and the importance of conserving both them and their resources.
Hutchins, Rose E. The Last Trumpeters. Rand, 1967. 64 pp. $.50, Gr. 2-5.
The story that points up the need for conservation.
Peterson, Ottis. Water. Garrard, 1966. 64 pp. $2.19, Gr. 2-5.
In easy sentence structure, the child learns how water is used, misused, and sometimes shamefully wasted.
Smith, Frances C. The First Book of Conservation. Watts, 1954. 68 pp. $1.95, Gr. 4-12. How we can help to save our natural resources.

EARTH STUDIES

Andrews, Roy Chapman. In the Days of the Dinosaurs. Random, 1959. $1.95, Gr. 2-6.
Scientifically accurate and fascinating.
Atwood, Ann. The Wild Young Desert. Scribners, 1970. 32 pp. $3.89, Gr. 2-4.
The cycle of growth and change of the desert, and the parts played by water, wind, time, and plant and animal life.
Barlowe, Sy. Oceans. Follett, 1968. 32 pp. $1.00, Gr. 3-6.
Simple oceanography and marine biology made lively and interesting through easy text and handsome full-color illustrations by the author.
Bartlett, Margaret F. Where the Brook Begins. Crowell. 40 pp. $2.50, Gr. K-3.
The different ways a brook may start; how big brooks come from the meetings of little brooks. (Let's Read-and-Find-Out Series)
Bendick, Jeanne. The Shape of the Earth. Rand, 1965. 80 pp. $2.95, Gr. 3-6.
Accurate and informative, made easy to understand with profuse illustrations and diagrams.
_____. The Wind. Rand, 1964. 80 pp. $2.95, Gr. 3-6.
Interesting facts told in short units, often gay and humorous.
Blough, Glenn. Discovering Dinosaurs. McGraw, 1960. 48 pp. $3.50, Gr. 3-6.
Descriptions of these animals, with the story of how men unearth the fossils that tell us about them.
Branley, Franklyn. What Makes Day and Night. Crowell. 40 pp. $2.50, Gr. K-3.
A simply-written explanation of the revolutions of the earth. (Let's Read-and-Find-Out Series)
Buck, Margaret Waring. In Ponds and Streams. Abingdon, 1955. 72 pp. $1.75, Gr.6-12.
A factual account of creatures and plants that live in the water.
_____. In Woods and Fields. Abingdon, 1950. 96 pp. $1.75, Gr. 3-6.
An instructive book of children who are interested in things of the field and forest.
Carlisle, Norman and Madelyn. The True Book of Rivers. Childrens Press, 1967. 48 pp. $2.00, Gr. 2-4. A well-illustrated book of rivers, their nature and their work, in easy reading.

EARTH STUDIES CONTINUED

Carona, Philip B. Earth Through the Ages. Follett, 1968. 32 pp. $1.00, Gr. 3-6.
History of our planet from its birth to the appearance of living things. Helpful and vivid color illustrations.

_____. Our Planet Earth. Follett, 1967. 32 pp. $1.00, Gr. 3-6.
What's inside the earth; how rocks and soil are formed.

Cromer, Richard. Soil. Follett, 1966. 32 pp. $1.00, Gr. 3-6.
Composition of soil, its vital importance, and the need to conserve it, made vivid with color illustrations.

Crosby, Alexander L. Pond Life. Garrard, 1964. 64 pp. $2.19, Gr. 2-5.
The amazing variety of animals and plants in an ordinary are described, with their habits. Well illustrated.

Crosby, Phoebe. Junior Science Book of Rock Collecting. Garrard. 64 pp. $2.50, Gr. 2-5. Where rocks come from, where to look for interesting rocks and how to identify and mark them as specimens.

De Leeuw, Adele. Richard E. Byrd: Adventurer to the Poles. Garrard, 1963. 80 pp. $2.19, Gr. 3-6. Byrd's career in exploring polar expanses is a fascinating introduction to the ecology of these areas.

Feilen, John. Air. Follett, 1965. 32 pp. $1.00, Gr. 2-6.
Attractive well written text with simple experiments and full color illustrations, up-to-date and interesting.

Feravolo, Rocco V. Junior Science Book of Weather Experiments. Garrard, 1963. 64 pp. $2.50, Gr. 2-5. This book helps children understand the weather and gives instructions for making simple instruments and performing experiments.

Follett, Dwight. Little Creek, Big River. Follett, 1961. 32 pp. $1.00, Gr. 3-6.
An interesting account of the course of a river as it joins the great ocean.

Freeman, Ira and Sean Morrison. Where the Rain Comes From. Random, 1969. $3.95, Gr. 2-4. The water cycle simply explained.

Goetz, Delia. The Arctic Tundra. Morrow, 1958. 64 pp. $3.25, Gr. 3-6.
The story of how plants and animals adapt to the changing seasons captures the feeling of brooding space and silence in this remote land. Beautiful illustrations.

_____. Deserts. Morrow, 1956. 64 pp. $3.25, Gr. 2-6.
Life on the desert presented with clarity, simplicity and elegance. Colored illustrations nearly every page.

_____. Grasslands. Morrow, 1959. 64 pp. $3.25, Gr. 3-7.
How man and grasslands change each other. Prairies, steppes and savannas, beautifully illustrated in flowing green.

_____. Swamps. Morrow, 1961. 64 pp. $3.14, Gr. 2-6.
Every page illustrated in soft green tones. The mysterious and unknown world of swamps and their inhabitants comes alive.

_____. Tropical Rain Forests. Morrow, 1957. 64 pp. $3.25, Gr. 2-6.
Plant, animal and human life, vividly presented in easy text and meaningful drawings; information in its most enticing form.

Goldin, Augusta. Salt. Crowell, 1966. 40 pp. $3.50, Gr. 2-4.
An attractively illustrated introduction to what salt really is, together with simple experiments.

Greene, Carla. How to Know Dinosaurs. Bobbs-Merrill, 1966. $3.50, Gr. 3-6.
Using simple text and concise pictures, the author explains the development of animal life and the evolution and characteristics of various dinosaurs.

Greenhood, David. Watch the Tides. Holiday, 1961. 40 pp. $2.75, Gr. 2-4.
Easy reading young science book; how tides are made and what they do.

Heavilin, Jay. Rocks and Gems. Macmillan, 1964. 32 pp. $1.95, Gr. 2-6.
24 rocks and gems, easy description, full color every page, large pictures of each type.

Hine, Al and John Alcorn. Where in the World Do You Live? Harcourt. $2.75, Gr. K-3.
An imaginative introduction to geography from which a child will learn his own relationship to the physical world.

EARTH STUDIES CONTINUED

Huntington, Harriet E. Let's Go to the Brook. Doubleday, 1952. 89 pp. $2.75, Gr. 4-12. Information about water and the life in it.

Irvin, Robert. Hurricanes and Twisters. Knopf, 1955. 143 pp. $2.50, Gr. 5-12. All about hurricanes and twisters, how they are formed and the damage they do.

Kirk, Ruth. Desert Life. Doubleday, 1970. 64 pp. $4.50, Gr. 1-3. Beautiful four-color illustrations of the sand dunes, salt flats, mountains and marshes, and the animals living there.

Knight, David. Let's Find Out About Rocks and Minerals. Watts, 1969. 72 pp. $2.65, Gr. 3-6. Excellent detailed color pictures that encourage starting a rock collection.

Larrick, Nancy. Junior Science Book of Rain, Hail, Sleet and Snow. Garrard. 64 pp. $2.50, Gr. 2-5. This book helps boys and girls to identify the various formations of clouds and what they foretell.

Lauber, Patricia. Volcanoes. Garrard, 1965. 64 pp. $2.19, Gr. 2-5. The awesome forces that create volcanoes are described in this well illustrated book.

_____. Junior Science Book of Icebergs and Glaciers. Garrard. 64 pp. $2.50, Gr. 2-5. Explains how glaciers and icebergs are formed. It tells, too, about the Ice Age and the prospects of a second Ice Age to come.

May, Julian. The Big Island. Follett, 1967. 32 pp. $3.00, Gr. 3-7. The ecology of Isle Royale, a wilderness national park in Lake Superior, is interestingly told, and beautifully illustrated. Book size 10" x 8".

_____. Why the Earth Quakes. Holiday, 1969. 40 pp. $3.75, Gr. 3-6. Using the latest scientific findings, the author explains the mantle concept and the work of volcanoes.

Pine, Tillie and Joseph Levine. Rocks and How We Use Them. McGraw, 1967. 48 pp. $3.50, Gr. 2-5. Making a collection and performing experiments lead to discovery of properties of rocks.

Pistorius, Anna. What Dinosaur Is It? Follett, 1968. 32 pp. $1.75, Gr. 2-6. Habits and habitats of dinosaurs told in simple text but very informative, illustrated in color by author. Book size 10" x 8".

Polgreen, John and Cathleen. The Earth in Space. Random, 1963. 96 pp. $2.95, Gr. 2-6. Written in "we" style, as an imaginary trip in space, with profuse illustrations and diagrams.

Ravielli, Anthony. The World Is Round. Viking, 1963. 48 pp. $3.50, Gr. 3-6. Why it seems flat, and how we know it is round.

_____. The Rise and Fall of the Dinosaurs. Parents, 1963. $3.50, Gr. 2-6. Profusely illustrated by author.

Ross, George Maxim. What Did the Rock Say? Holiday, 1970. 64 pp. $3.95, Gr. 2-4. The mood is one in which the voices of nature are overheard in the changing seasons, told in gentle poetic words, with water color paintings.

Russell, Solveig Paulson. Wonderful Stuff: The Story of Clay. Rand, 1964. Easy flowing prose with many illustrations.

_____. From Rocks to Rockets. Rand, 1960. 68 pp. $2.75, Gr. 2-5. illustrations every page; several paragraphs to a page in flowing style and easy print.

Schneider, Herman and Nina. Rocks, Rivers, and the Changing Earth. W. R. Scott, 1952. 181 pp. $3.00, Gr. 6-12. How the earth is changing, showing experiments involving the workings of the world.

Schneider, Herman. Everyday Weather and How It Works. McGraw, 1951. 189 pp. $2.75, Gr. 5-12. Explains the weather in a non-technical way.

Selsam, Millicent. See Through the Jungle. Harper, 1957. 52 pp. $2.50, Gr. 3-6. A trip to the rain forest of a South American jungle, with color pictures.

EARTH STUDIES CONTINUED

Shannon, Terry and Charles Payzant. About Caves. Childrens Press, 1960. 48 pp. $2.50, Gr. 2-5. Illustrated on every page. Some important scientific facts are presented in a fascinating way.

Stock, Robert. Natural Wonders of the World. Parents, 1966. 94 pp. Gr. 3-6. A book to capture the imagination. Profusely illustrated.

Tangborn, Wendell V. Glaciers. Crowell, 1965. 40 pp. $3.50, Gr. 3-6. A well written, effectively illustrated introduction to glaciers and a basic foundation for understanding the earth.

Walsh, Mary. Water, Water, Everywhere! Abingdon, 1953. 48 pp. $2.00, Gr. 5-9. Shows the need of water and its beauty in different places on the earth.

Walters, Marguerite. Small Pond. Dutton, 1967. 40 pp. $3.75, Gr. 3-5. A few paragraphs on each page tell the story of pond life through the year; B/W woodcuts on every page. Inviting.

White, Anne Terry. Rocks All Around Us. Random, 1959. $2.95, Gr. 3-6.

Wong, Herbert H. and Matthew F. Vessel. Pond Life: Watching Animals Find Food. Addison-Wesley, 1970. 40 pp. $4.35, Gr. 2-4. Two boys on a fishing trip discover for themselves the nature of the food chain. Fine illustrations.

_____. Pond Life: Watching Animals Grow Up. Addison-Wesley, 1970. 40 pp. $4.35, Gr. 2-4. On three trips to the pond, two boys observe how animals grow, how mothers care for young, and discover metamorphosis.

Zim, Herbert Spencer. What's Inside the Earth? Morrow, 1953. Gr. 4-6. Description of what is inside a cave, a well, a mine, a mountain. Simple large print for young children; finer, detailed information for older ones.

_____. Lightning and Thunder. Morrow, 1952. $2.00, Gr. 3-6. Illustrations which explain the causes and effects of thunder and lightning. Print is large and style, simple.

ELECTRICITY - MAGNETS

Corbett, Scott. What Makes a Light Go On? Little, 1966. 58 pp. $2.95, Gr. 3-8. Basic concepts of electricity and the light bulb, told in simple text but not "kiddy" style.

_____. What Makes a TV Work? Little, 1965. 58 pp. $2.95, Gr. 3-8. The mystery is solved, with flowing prose and many diagrams.

Feravolo, Rocco V. Junior Science Book of Electricity. Garrard. 64 pp. $2.50, Gr. 2-5. Easy directions for experiments and clear illustrations explain how a battery works, how the electric switch works, what a fuse does, etc.

_____. Junior Science Book of Magnets. Garrard. 64 pp. $2.50, Gr. 2-5. The fascinating subject of magnets and their strange powers, with step-by-step directions for all sorts of experiments.

Freeman, Mae and Ira. Story of Electricity. Random, 1961. $2.95, Gr. 2-4. Many illustrations and diagrams.

Kaufman, Mervyn. Thomas Alva Edison: Miracle Maker. Garrard, 1962. 80 pp. $2.19, Gr. 3-6. The life of this famous experimenter and scientist opens the eyes of the reader to the wonders of applied scientific knowledge.

Knight, David. Let's Find Out About Magnets. Watts, 1967. 48 pp. $2.65, Gr. 3-5. Big ones as well as little ones are explained.

Neal, Charles D. Safe and Simple Projects with Electricity. Childrens Press, 1965. 160 pp. $3.75, Gr. 3-8. Colorful and fascinating, experiments are set up with easily-obtained materials. Index. Children learn by discovery.

_____.Exploring Light and Sound. Childrens Press, 1964. 156 pp. $3.75, Gr. 3-8. A science discovery book. Illustrations and diagrams in color on every page. Things to do as well as learn.

Pine, Tillie and Joseph Levine. Electricity and How We Use It. McGraw, 1962. 48 pp. $2.75, Gr. 2-5. What electricity is, what it can do, and much more; excellent drawings and diagrams.

ELECTRICITY - MAGNETS CONTINUED

Schneider, Herman and Nina. Let's Look Inside Your House. W. R. Scott, 1953. 39 pp. $2.25, Gr. 3-10. Water, heat and electricity in our houses.
_____. More Power To You: A Short History of Power from the Windmill to the Atom. W. R. Scott, 1953. 128 pp. $2.50, Gr. 5-10. Different kinds of power engines--water, wind and steam--are explained and illustrated.
Waller, Leslie. Light. Grossett, 1968. $2.50, Gr. 2-4.
Illustrations every page make comprehension easy.

FISH, AMPHIBIANS AND REPTILES

Allen, Gertrude E. Everyday Turtles, Toads, and Their Kin. Houghton, 1970. 48 pp. $3.50, Gr. 2-5. The life cycles of snakes, lizards and others are depicted with many sensitive illustrations.
Broekel, Ray. True Book of Tropical Fishes. Childrens Press, 1956. $2.00, Gr.K-4.
Darby, Gene. What is a Frog? Benefic Press. $1.80, Gr. 2-4.
Earle, Olive L. Strange Lizards. Morrow, 1964. 64 pp. $3.14, Gr. 3-7.
An excellent study packed with fascinating information, illustrated with sharp detail, vivid drawings. Much prose to a page but large print and good spacing.
Freschet, Berniece. The Old Bullfrog. Scribners, 1968. 24 pp. $3.44, Gr. 2-4.
A warm evocative tale of how a wise old bullfrog escapes a heron.
Hawes, Judy. Why Frogs Are Wet. Crowell, 1968. 40 pp. $3.50, Gr. 3-6.
How frogs can breathe on land and in water, and other fascinating details of frog life.
_____. What I Like About Toads. Crowell, 1969. 33 pp. $3.75, Gr. 2-5.
How toads serve us; how they protect themselves; how they trick insects; and how their beautiful golden-flecked eyes serve them.
Hess, Lilo. The Remarkable Chameleon. Scribners, 1968. 48 pp. $3.12, Gr. 2-5.
Using superb specimens from Africa, the author has recorded their life and habits in stunning photographs.
McClung, Robert M. Spotted Salamander. Morrow, 1964. 48 pp. $3.25, Gr. 2-5.
Factual material in easy flowing paragraphs with lively interest and eye-catching illustrations.
Phleger, Fred. Red Tag Comes Back. Harper and Row, 1962. $1.95, Gr. 3-5.
Life-cycle of a salmon. (Science I Can Read Book).
Schoenknecht, Charles A. Frogs and Toads. Follett, 1960. $1.00, Gr. 2-5.
(Follett Beginning Science Series).
Schwartz, Elizabeth and Charles. When Water Animals Are Babies. Holiday, 1970. 36 pp. $4.50, Gr. 2-4. Simple text and colored illustrations show the habits and parental care of baby animals from whales to guppies.
Woods, Loren P. Fishes. Follett, 1968. 32 pp. $1.00, Gr. 3-7.
With emphasis on the different habitats, the author introduces many kinds of lake, river, stream and even marine species. Beautiful illustrations.
Zim, Herbert S. Alligators and Crocodiles. Morrow, 1952. 62 pp. $2.00, Gr. 3-10.
What man has known about alligators and crocodiles through the years; how and where they live and care for their young.
_____. Frogs and Toads. Morrow, 1950. unp. $2.00, Gr. 3-8.
An account of these amphibians, illustrated and interestingly told.

HEALTH

Aliki. My Hands. Crowell, 1962. 40 pp. $3.50, Gr. 1-3.
What we do with our hands, and the names and uses of each finger. Bright and lively illustrations in color by the author.
Borton, Helen. Do You Hear What I Hear? Abelard, 1960. 48 pp. $2.95, Gr. 1-4.
Only a few lines of print, every other page. Illustrated by author .

HEALTH CONTINUED

Borton, Helen. Do You Move As I Do? Abelard, 1963. 48 pp. $2.95, Gr. 1-4. Fascinating and fun. Only a few lines of print on every other page. Illustrated by author every page.

Elgin, Kathleen. Read About the Heart. Watts, 1968. 56 pp. $2.95, Gr. 3-6. Illustrated by the author, the heart becomes a familiar part of the body with its marvelous functions.

Epstein, Sherrie S. Penny the Medicine Maker. Lerner, 1961. $3.25, Gr. 2-6. Although told in story form, the reader finds out just what a penicillin shot is and does.

Fisher, Aileen. Clean as a Whistle. Crowell, 1969. 33 pp. $3.75, Gr. 2-6. Three woods-rumpled children decide to model their standard of cleanliness after animals and gather some very surprising information on the habits of rabbits, bats, badgers and birds.

Frahm, Anne. The True Book of Bacteria. Childrens Press, 1963. 48 pp. $2.00, Gr. 2-5. Colorful and fascinating; diagrams help explain the ideas presented.

Freeman, Ira and Sean Morrison. Your Body - Bones and Muscles. Random, 1969. $3.95, Gr. 2-4. What every child should know, and is keenly interested in finding out.

Goldin, Augusta. Straight Hair, Curly Hair. Crowell, 1966. 40 pp. $3.50, Gr. 2-4. A delightful presentation of the reason why some people have curly hair, with simple experiments and colorful illustrations.

Lauber, Patricia. Your Body and How It Works. Random, 1962. $2.19, Gr. 3-6. Simple explanations help a child understand his health needs.

Lerner, Marguerite R. Dear Little Mumps Child. Lerner, 1959. $3.25, Gr. K-5. One of the common diseases of childhood explained so the child will understand it in a personal way.

_____. Peter Gets the Chickenpox. Lerner, 1959. $3.25, Gr. 2-6. Brightly illustrated and entertaining way of explaining what's happening inside the sick child, and what the doctor sees.

Russell, Solveig Paulson. Which is Which? Prentice, 1966. 32 pp. $3.50. Paired animals are discussed carefully and the child is asked to decide which is which in the illustration.

Showers, Paul. A Drop of Blood. Crowell, 1967. 40 pp. $3.50, Gr. 2-5. An easy-to-read presentation of some important scientific facts, kept lively by cartoonlike illustrations.

_____. Follow Your Nose. Crowell, 1963. 40 pp. $3.50, Gr. 2-5. Bright bits of poetry mixed with simple prose and big colorful illustrations convey the scientific facts about the usefulness of the nose in speech, taste and smell.

_____. Hear Your Heart. Crowell, 1968. 40 pp. $3.50, Gr. 3-6. In clear simple writing and attractive illustrations (in red) the structure and workings of the heart are described.

_____. How You Talk. Crowell, 1967. 40 pp. $3.50, Gr. 2-5. Easy vocabulary, color illustrations and diagrams, and simple experiments explain the body parts and process of production of speech.

_____. Your Skin and Mine. Crowell, 1965. 40 pp. $3.50, Gr. 2-5. Scientific facts are presented by a close look at the skin of an Oriental, a Negro, and a Caucasian. Amusing and informative illustrations.

INSECTS - WORMS - SPIDERS

Allen, Gertrude E. Everyday Insects. Houghton, 1963. 48 pp. $2.50, Gr. 2-4. Soft pencil-like sketches illustrate the life cycles of six familiar insects.

Brouillette, Jeanne S. Insects. Follett, 1963. $1.14, Gr. 2-6. Authenticated, up-to-date scientific information, controlled vocabulary, full color illustrations.

INSECTS - WORMS - SPIDERS CONTINUED

Conklin, Gladys. How Insects Grow. Holiday, 1969. 128 pp. $3.95, Gr. 3-6.
The life-cycles of many insects are presented, with little known and curious facts about them.

Darby, Gene. What is a Butterfly? Benefic Press. $1.80, Gr. 2-4.

DeSeyn, Donna E. Termite. Holiday, 1967. 48 pp. $3.50, Gr. 2-5.
A simple but accurate life-cycle story of a worker in a termite colony.

Earle, Olive L. Praying Mantis. Morrow, 1969. 64 pp. $3.14, Gr. 2-5.
A common garden inhabitant is described by a nature-lover with a scientist's eye for detail, illustrated by author.

Foster, Virgil E. Close-up of a Honeybee. Scott, 1960. 64 pp. $3.75, Gr. 3-8.
Photos on every page; one to three paragraphs of smooth simple style prose.

Gibson, Gertrude H. About Insects That Help Plants. Melmont, 1963. $2.50, Gr.3-6.
Takes up in turn the diggers, the hunters, and the delivery men of the insect world showing how they are a boon to plant life rather than its destroyers. Illustrated in two colors.

Goldin, Augusta. Spider Silk. Crowell, 1964. 40 pp. $3.50, Gr. 2-5.
How a spider makes silk to spin a web. Excellent illustrations make everything clear.

Goudy, Alice. Butterfly Time. Scribners, 1964. 32 pp. $3.63, Gr. 2-5.
Every other page all color picture. A variety of butterflies.

_____. Here Come the Bees! Scribners, 1960. 94 pp. $3.25, Gr. 2-5.
Not a picture book but well illustrated. Flowing style.

Harris, Louise D. Firefly. Little, 1966. $2.95, Gr. 1-3.

Hawes, Judy. Bees and Beelines. Crowell, 1964. 40 pp. $3.50, Gr. 3-6.
How bees learn to fly in a straight line, how they guide their flight, and how they use signal-dances to give each other flight directions.

_____. Fireflies in the Night. Crowell, 1963. 40 pp. $3.75, Gr. 2-4.
Observation and experimentation bring out the origin of the fireflies' light and how they are useful to man.

_____. Ladybug, Ladybug, Fly Away Home. Crowell, 1967. 40 pp. $3.50, Gr. 2-4.
A sprightly presentation supplemented by informative, eye-catching illustrations.

_____. Watch Honeybees with Me. Crowell, 1964. 40 pp. $3.50, Gr. 2-6.
Scientific information is broken down to inviting bits, easily understood, color illustration clarify concepts.

Heavilin, Jay. Bees and Wasps. Macmillan, 1964. 32 pp. $1.95, Gr. 2-5.
Beautifully illustrated every page, half in color. Fifteen kinds of bees and wasps, described in one or two paragraphs.

Hoke, Helen. The First Book of Ants. Watts, 1970. 48 pp. $3.25, Gr. 2-5.
Kinds of ant homes and their inhabitants and how they work; also how to keep ants.

Huntington, Harriet E. Let's Look at Insects. Doubleday, 1969. 64 pp. $3.95, Gr. 1-3. Photographs and drawings. How insects develop from eggs and how they walk, jump, fly, see, hear, and eat.

Hutchins, Carleen. Moon Moth. Coward, 1965. 48 pp. $2.95, Gr. 2-5.
The life cycle of the female luna moth, in fictionized form.

Knight, David. Let's Find Out About Insects. Watts, 1967. 64 pp. $2.65, Gr. 2-6.
The nature and habits of many kinds of insects, in simple prose with fine illustrations on every page.

Kohn, Bernice. Fireflies. Prentice, 1966. $3.75, Gr. 3-6.
Easy to read and profusely illustrated.

Lane, Ferdinand C. All About the Insect World. Random, 1954. 141 pp. $1.95, Gr. 4-10. Common and unusual insects are told about in non-technical language.

Lewellen, John. True Book of Honeybees. Childrens Press, 1953. $2.00, Gr. 1-6.

INSECTS - WORMS - SPIDERS CONTINUED

McClung, Robert M. Ladybug. Morrow, 1966. 48 pp. $3.25, Gr. 2-5. Illustrations every page; large print, two or three paragraphs to a page. Dangers stalk the ladybug all its life.

_____. Luna, the Story of a Moth. Morrow, 1957. 48 pp. $3.14, Gr. 2-5. Beautiful illustrations by the author carry along the clear and interesting text.

_____. Tiger, The Story of a SwallowTail Butterfly. Morrow, 1953. 48 pp. $3.25, Gr. 2-5. Easy flowing paragraphs, and beautiful illustrations by author, tell the life cycle of this lovely creature.

Roberts, Hortense Roberta. About Insects - Indoors and Out. Childrens Press, 1957. 32 pp. $2.50, Gr. 2-6. Insects included are the cricket, grasshopper, beetles, moths, butterflies, cockroaches and silverfish.

Sears, Paul M. Firefly. Holiday, 1956. 38 pp. $2.00, Gr. 3-8. A life cycle story of the firefly.

Teale, Edwin W. Insect Friends. Dodd, 1955. 96 pp. $3.00, Gr. 5-12. The world of insects with large, detailed pictures.

Wormser, Sophie. About Silkworms and Silk. Childrens Press, 1961. 32 pp. $2.50, Gr. 2-5. A classroom situation in which the children raise silkworms. Illustrations every page. Good spacing of printing and easy flowing sentences encourages reading.

MACHINES - WORKMEN

Allison, Dorothy Kinsella. About Helpful Helicopters. Melmont, 1954. $2:50, Gr. 2-6. Peace time uses of helicopters. Illustrated with photographs.

Bendick, Jeanne. First Book of Airplanes. Watts, 1952. $1.95, Gr. 3-6. Men who fly the planes tell through performance in an informal way about many different kinds of planes, including jets.

Bloch, Marie. Tunnels. Coward, 1954. $2.75, Gr. 3-6. How tunnels are built, and the men who build them.

Clymer, Eleanor. Wheels. Holt, 1965. 48 pp. $2.75, Gr. 3-6. How wheels have helped man to progress through the ages.

Corbett, Scott. What Makes a Plane Fly? Little, 1967. 58 pp. $2.95, Gr. 3-8. A simple lucid explanation with scientific accuracy and illustrations and diagrams to keep interest high.

_____. What Makes a Car Go? Little, 1963. 58 pp. $2.95, Gr. 3-8. Well illustrated with many diagrams to make clear how motors function.

Feravolo, Rocco. V. Junior Science Book of Flying. Garrard. 64 pp. $2.50, Gr.2-5. What keeps a plane up in the air? Questions children ask are clearly answered in this easy reading book.

Kaufman, Mervyn D. The Wright Brothers: Kings of the Air. Garrard, 1964. 80 pp. $2.19, Gr. 3-6. Applied scientific knowledge helped these two men, working as a team, to achieve a great goal.

Pine, Tillie and Joseph Levine. Simple Machines and How We Use Them. McGraw, 1964. 48 pp. $3.25, Gr. 2-5. Advanced science ideas are presented through discovery and simple text with excellent diagrams and illustrations.

Saunders, F. Wenderoth. Machines For You. Little, 1967. 58 pp. $3.95, Gr. 3-6. Two or three paragraphs on a page with dynamic pictures and diagrams explaining the functioning of the modern monsters of work in city or outside.

Schneider, Herman and Nina. Now Try This. W. R. Soctt, 1947. 40 pp. $2.25, Gr. 3-10. The use of wheels, ball bearings, oil, and friction in moving things from one place to another.

Sharp, Elizabeth N. Simple Machines and How They Work. Random. $2.19, Gr. 3-5. The basic simple machines, and how they can make big ones.

MACHINES - WORKMEN CONTINUED

Snyder, Don E. Danny's Glider Ride. Follett, 1968. 32 pp. $1.00, Gr. 3-5.
In a high interest story, several principles of gliding are explained; fine illustrations help comprehension.

Stoddard, Edward. The First Book of Television. Watts, 1955. 63 pp. $1.95, Gr. 4-9. A non-technical book with illustrations to explain the workings of television and programming of a show.

Victor, Edward. Machines. Follett, 1962. 32 pp. $1.00, Gr. 2-5.
How the basic machines are used for work and play, and combined to make complex machines. Many illustrations.

Waller, Leslie. American Inventions. Holt, 1963. 48 pp. $2.50, Gr. 3-5.
Illustrations every page keep interest high.

Zim, Herbert S. What's Inside of Engines? Morrow, 1953. $1.75, Gr. 3-5.
Explanations about different kinds of engines and how they work.

OCEAN LIFE

Atwood, Ann. New Moon Cove. Scribners, 1969. 32 pp. $3.89, Gr. 2-4.
With a poet's eye, the author views a small cove in California and shows its gallery of treasures.

Epstein, Sam and Beryl. Junior Science Book of Seashells. Garrard, 1963. 64 pp. $2.50, Gr. 2-5. There is a story behind every shell. This book also tells how to clean shells and how to classify, label, and arrange them.

Gendron, Val and David A. McGill. Whales. Follett, 1965. 32 pp. $1.00, Gr. 3-6.
Thorough compilation of information, with vivid full color illustrations.

Goetz, Delia. Islands of the Ocean. Morrow, 1964. 64 pp. $3.25, Gr. 3-6.
Illustrations every page. The history and mystery of islands and their often strange inhabitants.

Goldin, Augusta. The Bottom of the Sea. Crowell, 1967. 40 pp. $3.50, Gr. 3-6.
The scientific description of the contours of the sea bottom is enlivened by explanation of methods of exploring the ocean, including bathysphere and bathyscaphe.

_____. The Sunlit Sea. Crowell, 1968. 40 pp. $3.50, Gr. 1-3.
A beginning science book which introduces the plants, animals and fish living in the portion of the sea lighted by sun. Three-color illustrations every page.

Hawes, Judy. Shrimps. Crowell, 1967. 40 pp. $3.50, Gr. 2-6.
The various parts of the body, unique life cycle, food and travels are interestingly discussed, with delightful illustrations in color.

Hess, Lilo. Sea Horses. Scribners, 1966. 48 pp. $3.12, Gr. 2-4.
An introduction to this strange little fish, with careful attention to scientific detail, and fascinating illustrations.

Hurd, Edith Thacher. Starfish. Crowell. 40 pp. $2.50, Gr. K-3.
How starfish live, eat, move and multiply is explained in easy words and beautifully accurate pictures. (Let's Read-and-Find-Out Series)

Jenkins, Marie M. Moon Jelly Swims Through the Sea. Holiday, 1969. 48 pp. $3.95, Gr. 2-5. The life cycle of a very unusual creature, with accurate details of development and growth.

Knight, David. Let's Find Out About the Ocean. Watts, 1970. 64 pp. $2.95, Gr.2-4.
Tides, wave motion, currents, underwater features, marine life are told in easy terms and language.

Lane, Ferdinand C. All About the Sea. Random, 1953. 148 pp. $1.95, Gr. 4-10.
The sea and the life in it.

Lauber, Patricia. The Friendly Dolphins. Random, 1963. 88 pp. $2.19, Gr. 2-8.
Profuse photographs make a fascinating and informative book.

OCEAN LIFE CONTINUED

McClung, Robert M. Horseshoe Crab. Morrow, 1967. 48 pp. $3.25, Gr. 3-6.
The life cycle of this strange creature; the illustrations make the text clear and easy.

Nims,-----. Always At Home: The Story of Seashells. Hale, 1969. $3.39, Gr. 2-5.
Captivating reading and illustrations.

Selsam, Millicent E. Underwater Zoos. Morrow, 1961. 96 pp. $3.50, Gr. 3-8.
Gives practical advice on both salt and fresh water aquariums, in a competent fashion that a child can use.

Selsam, Millicent E and Betty Morrow. See Through the Sea. Harper, 1955. unp. $2.50, Gr. 4-9. Sea life is shown in this book from shore to the depths of the ocean.

Stephens, William and Peggy. Hermit Crab Lives in a Shell. Holiday, 1969. 48 pp. $3.95, Gr. 2-5. A Life-Cycle book, by authors who keep hermit crabs for pets, scientifically accurate but fun.

_____. Octopus. Holiday, 1968. 48 pp. $3.50, Gr. 2-5.
The life cycle story of the octopus of the Atlantic shores. Color illustrations.

_____. Sea Horse - A Fish in Armor. Holiday, 1969. 48 pp. $3.50, Gr. 2-5.
This odd and fascinating creature has an interesting life cycle.

SEASONS

Craig, M. Jean. Spring is Like the Morning. Putnam, 1965. 64 pp. $2.86, Gr. 2-5.
Artistic color illustrations plus accurate science told with feeling create for the reader the joy of springtime.

_____. Summer is a Very Busy Day. Putnam, 1967. 64 pp. $3.29, Gr. 2-5.
The magic of nature's processes in summertime.

Webb, Addison. Song of the Seasons. Morrow, 1950. $2.50, Gr. 3-5.
Wild animal life shown through the different seasons.

SPACE TRAVEL

Asimov, Isaac. Satellites in Outer Space. Random, 1964. $2.19, Gr. 3-8.
A timely topic treated simply but with accuracy. Recently revised.

Branley, Franklyn M. A Book of Moon Rockets For You. Crowell, 1959. $3.50, Gr.1-3.
Simple reading full of facts. Drawings, simple diagrams and illustrations on every page.

_____. A Book of Satellites For You. Crowell, 1959. $3.50, Gr. 1-3.
A simple explanation of satellites, what they do, the ones that have been launched and the satellites of the future.

_____. Rockets and Satellites. Crowell, 1970. 40 pp. $2.50, Gr. K-3.
Differentiates rockets and satellites and creates a visual feeling for apace. (Let's Read-and-Find-Out Series)

Chester, Michael. Let's Go to the Moon. Putnam, 1965. $2.29, Gr. 3-6.
Interesting to all youngsters and presented in easy text.

Corson, Hazel. Peter and the Moon Trip. Benefic Press, $2.60, Gr. 3-5.

_____. Peter and the Rocket Ship. Benefic Press, $2.60, Gr. 2-6.

_____. Peter and the Two-Hour Moon. Benefic Press. $2.60, Gr. 2-6.
These are exciting stories about the son of a space scientist. Books develop many scientific principles and concepts.

Fenton, Carroll Lane. The Moon for Young Explorers. John Day, 1963. 64 pp. $3.00, Gr. 2-3. A "let's suppose" adventure combined with scientific theory and fact.

Sasek, Miroslav. This is Cape Kennedy. Macmillan, 1965. $4.95, Gr. 3-8.
An up-to-date account of timely interest.

SPACE TRAVEL CONTINUED

Tellander, Marian. Space. Follett, 1960. $1.00, Gr. 2-5.
(Follett Beginning Science Series)

TREES AND PLANTS

Allee, Velva Elwell. About the Vegetables on Your Plate. Childrens Press, 1960. 32 pp. $2.50, Gr. 2-6. A colorful presentation of plants and the parts of plants that become vegetables on our plates.

Allen, Gertrude E. Everyday Wildflowers. Houghton, 1965. 48 pp. $2.73, Gr. 2-4. The flowering and seeding of seven common wild flowers like the violet and Queen Anne's lace; sketches.

_____. Everyday Trees. Houghton, 1968. 48 pp. $3.25, Gr. 2-5. The apple, maple, willow, birch, oak, pine and fir are introduced via the characteristics a child associates with each.

Blane, Gertrude. The Flower Box Mystery. Childrens Press, 1965. 64 pp. $2.50, Gr. 2-6. The essentials to support plant life become an adventure in surprises in a city life story.

Bulla, Clyde Robert. A Tree is a Plant. Crowell. 40 pp. $2.50, Gr. K-3. An apple tree's life cycle and seasonal changes in appearance. An easy-to-read, well illustrated book. (Let's Read-and-Find-Out Series)

Darby, Gene. What Is a Tree? Benefic Press. $1.80, Gr. 2-4.

Dickinson, Alice. The First Book of Plants. Watts, 1953. 91 pp. $1.95, Gr. 5-10. Plant life is briefly explained.

Goldin, Augusta. Where Does Your Garden Grow? Crowell, 1967. 40 pp. $3.50, Gr. 2-5. How topsoil helps plants, how it is created and worn away. Color illustrations nearly every page.

Hammond, Winifred. Riddle of Seeds. Coward, 1966. $2.97, Gr. 3-6. Well written and well illustrated, this book will encourage wider reading on the topic.

Huntington, Harriet E. Let's Look at Flowers. Doubleday, 1969. 64 pp. $3.50, Gr. 1-3. How flowers perform their life functions; illustrated by photographs and drawings.

Jordon, Helene J. Seeds by Wind and Water. Crowell. 40 pp. $2.50, Gr. K-3. How seeds are carried from place to place presented in a stimulating and imaginative manner. (Let's Read-and-Find-Out Series)

Kohn, Berniece. Ferns: Plants Without Flowers. Hawthorn, 1968. $3.75, Gr. 3-6. A topic not often covered, in simple text and fine illustrations.

_____. Talking Leaves: The Story of Sequoia. Hawthorn, 1969. $4.25, Gr. 2-4. Well illustrated.

_____. Our Tiny Servants: Molds and Yeast. Prentice, 1962. 62 pp. $3.25, Gr. 3-8. A ten-chapter explanation of friends and foes.

Lemmon, Robert S. Junior Science Book of Trees. Garrard. 64 pp. $2.50, Gr. 3-5. The drama of nature is vividly portrayed. Illustrations help children become familiar with identifying features of the various trees.

Lerner, Sharon. I Found a Leaf. Lerner Pub., 1967. 36 pp. Gr. 2-5. A most unusual book, illustrated by leaf rubbings in true color on each page. It explains a great deal about each kind of tree, in easy sentences and paragraphs.

Rush, Hanniford. Backyard Trees. Macmillan, 1964. 32 pp. $1.95, Gr. 2-8. Sharply detailed illustrations on every page in full color make this description of 18 common trees fascinating.

Selsam, Millicent. Play With Plants. Morrow, 1949. $2.00, Gr. 3-7. Experiments can be performed with plants from information given about how plants grow, use water, and respond to light.

Sullivan, George. Plants to Grow Indoors. Follett, 1968. 32 pp. $1.00, Gr. 2-6. An instructional book about growing plants indoors in winter, with much plant science interwoven.

TREES AND PLANTS CONTINUED

Wong, Herbert H. and Matthew F. Vessel. Plant Communities: Where Can Cattails Grow? Addison-Wesley, 1970. 40 pp. $4.35, Gr. 2-4. When cattails are brought to school, their seeds must find their way back to a favorable environment. Written in discovery style.

Wood, Dorothy. Plants With Seeds 2. Follett, 1963. $1.14, Gr. 2-6. Authenticated, up-to-date, scientific information; controlled vocabulary; full color illustrations. (A beginning science book).

ADDITIONAL SCIENCE TOPICS

Aliki._____. My Five Senses. Crowell. 40 pp. $2.50, Gr. K-3. Helps the child to recognize each individual sense, and to see how they combine to form a single impression. (Let's Read-and-Find-Out Series)

Anderson, Dorothy. Junior Science Book of Sound. Garrard. 64 pp. $2.50, Gr.2-5. Simple and accurate explanations of the many "whys" of sound, with easy experiments.

Bartlett, Margaret F. Exploring the Everyday World. Meredith, 1968. $3.95, Gr.3-6. Simple experiments that help a child discover scientific principles.

Behn, Harry. All Kinds of Time. Harcourt. $3.00, Gr. K-3. An unusual picture book about clocks, time and the seasons.

Bendick, Jeanne. Shapes. Watts, 1968. 72 pp. $2.95, Gr. 2-6. Using the process approach, the reader discover shapes, dimensions, measurement and classification.

_____. Space and Time. Watts, 1968. 72 pp. $2.95, Gr. 3-6. Basic principles of time and space and their interrelationship.

Borton, Helen. Do You See What I See? Abelard, 1959. 48 pp. $2.95, Gr. 1-4. Fascinating and easy. Only a few lines of print every other page. Illustrated by author every page.

Branley, Franklyn. High Sounds, Low Sounds. Crowell, 1967. 40 pp. $3.50, Gr. 3-5. The process by which vibrations are interpreted into meaningful sounds is skillfully described, with simple experiments.

_____. Floating and Sinking. Crowell, 1967. 40 pp. $3.50, Gr. 2-4. An explanation of buoyancy and answers to questions in simple text and clear double spread illustrations. Experiments.

_____. North, South, East, and West. Crowell, 1966. 40 pp. $3.50, Gr. 3-5. The real meaning of left and right, up and down; position of rising and setting sun as guide to direction; and the magnetic compass.

Bronowski, Jacob and Millicent Selsam. Biography of an Atom. Harper, 1965. 48 pp. $2.95, Gr. 3-6. Illustrations and diagrams on every page plus simple sentence structure make explanations easy to understand.

Bulla, Clyde Robert. What Makes A Shadow? Crowell. 40 pp. $2.50, Gr. K-3. The shadow is explained here with beauty and precision; includes experiments. (Let's Read-and-Find-Out Series)

Epstein, Sam and Beryl. George Washington Carver: Negro Scientist. Garrard. 80 pp. $2.50, Gr. 2-5. A memorable picture of a great American who became a world famous teacher and scientist is simply presented.

Erickson, Mary Kentra. About Glasses for Gladys. Melmont, 1962. 32 pp. $2.50, Gr. K-3. Gladys has her eyes tested by the school nurse and later by an optometrist.

Faber, Doris. Luther Burbank: Partner of Nature. Garrard, 1963. 80 pp. $2.50, Gr. 2-5. How Luther accomplished his miracles with growing things.

Feravolo, Rocco V. Junior Science Book of Light. Garrard. 64 pp. $2.50, Gr. 2-5. Basic scientific information about all the fascinating aspects of light, with simple experiments.

_____. Water Experiments. Garrard, 1965. 64 pp. $2.19, Gr. 2-5. The mysteries of water and how it behaves.

ADDITIONAL SCIENCE TOPICS CONTINUED

Freeman, Mae and Ira. Story of the Atom. Random, 1960. $2.95, Gr. 3-5. Well illustrated, many diagrams.

_____. Story of Chemistry. Random, 1962. $2.95, Gr. 3-6. Many diagrams and illustrations.

Guy, Anne Welsh. A Book of Tails. Steck, 1957. 48 pp. $2.50, Gr. 1-4. Illustrated on every page, this book shows how animal and bird tails have special uses. Fun!

_____. A Book of Tongues. Steck, 1960. 48 pp. $2.50, Gr. 1-4. Illustrated on every page, this tells the story of strange animal and bird tongues and their fascinating uses.

Huntington, Harriet. Let's Go To The Woods. Doubleday, 1968. 96 pp. $3.95, Gr.3-4. Fascinating photographs with simple text tell the story of plants and animals.

Johnson, Irma B. About Truck Farming. Childrens Press, 1962. 32 pp. $2.50, Gr.3-5. Illustrated every page. Not a picture book. Easy flowing reading tells how plant care produces food.

Kohn, Berneice. The Peaceful Atom. Prentice, 1963. 72 pp. $3.75, Gr. 3-8. A timely topic, profusely illustrated.

Kramer, Bettina Leonard. About Cave Men of the Old Stone Age. Melmont, 1955. 36 pp. $2.50, Gr. 2-6. A brief picture of man's culture from 100,000 B.C. to 16,000 B.C.

Landin, Les. Atoms for Junior. Childrens Press, 1961. 32 pp. $2.50, Gr. 3-6. The author brings the complicated subject of the composition of the atom within Junior's comprehension.

Latham, Jean Lee. George W. Goethals: Panama Canal Engineer. Garrard, 1965. 80 pp. $2.19, Gr. 3-6. His feats show how the application of scientific knowledge can conquer the forces of nature.

Lietz, Gerald S. Bacteria. Garrard, 1964. 64 pp. $2.19, Gr. 2-5. This well illustrated book describes man's best friend and worst enemy.

May, Julian. The First Men. Holiday, 1968. 40 pp. $3.95, Gr. 3-5. Primitive man and his development, accurate and up-to-date, in easy reading that leads to quick comprehension.

Milgrom, Harry. Adventures with a String. Dutton, 1965. 32 pp. $3.50, Gr. 1-3. Learning by doing is fun, and it is easy to understand the tensile strength of different types, and the changes in sound under different conditions of length and stress.

_____. Adventures with a Straw. Dutton, 1967. 32 pp. $3.50, Gr. 1-3. A participation book leading a child to observe, read on and discover. Clever, informative illustrations.

_____. First Experiments with Gravity. Dutton, 1966. 60 pp. $3.50, Gr. 3-8. Twenty experiments, using simple and easy-to-procure materials, explains fundamental scientific principles.

_____. Adventures with a Plastic Bag. Dutton, 1967. 32 pp. $3.50, Gr. 1-3. Many insights can be drawn from the manipulation of everyday objects. A stimulating, inviting book.

Pine, Tillie and Joseph Levine. Gravity All Around. McGraw, 1962. 48 pp. $2.75, Gr. 2-5. Everything; how gravity keeps the moon in orbit and how space travelers overcome it.

_____. Friction All Around. McGraw, 1964. 48 pp. $2.50, Gr. 2-5. What it is, how it wears away objects, how it creates heat; fine illustrations

Rinkhoff, Barbara. A Map Is a Picture. Crowell, 1965. 40 pp. $3.50, Gr. 3-5. A graduated series of maps from prate sketch through neighborhoods, cities, countries, world, sea, and sky.

Schneider, Nina and Herman. Let's Find Out. W.R. Scott, 1946. 38 pp. $2.25, Gr. 3-8. Some basic scientific principles are explained and illustrated by means of experiments.

ADDITIONAL SCIENCE TOPICS CONTINUED

Showers, Paul. Look at Your Eyes. Crowell. 40 pp. $2.50, Gr. K-3. Answers to questions children ask about their eyes. (Let's Read-and-Find-Out Series)

Stockard, Jimmy Jr. Experiments for Young Scientists. Little, 1964. $2.95, Gr. 3-8. Interesting experiments to do at home, using materials that are easy to find.

Ubell, Earl. The World of the Living. Atheneum, 1965. 42 pp. $3.25, Gr. 3-6. Illustrated with photos on every page. Interesting facets of the battle for life at many levels, from fungi to man.

Varley, Dimitry. Whirly Bird. Random, 1960. $2.19, Gr. 3-6. Well illustrated and with many pictures and diagrams.

Victor, Edward. Molecules and Atoms. Follett, 1963. $1.14, Gr. 2-6. Authenticated, up-to-date scientific information; controlled vocabulary; full color illustrations. (A beginning science book).

Lowery, Lawrence and Carr Albert. I Wonder Why Series. (24 books). Holt, Rinehart & Winston. 1969. $54.99 per set. Wide range of readability and interest level. Soft As a Bunny (sense of touch), What Does An Animal Eat?, Sounds are High--Sounds are Low, What Can An Animal Do?, How Does the Wind Blow?, Peter and the Rocks, Up-Up In a Balloon, Clouds Rain-Clouds Again, How Tall Was Milton? (standard unit of measure), Light and Colors, Silence or Sound, Tommy's Turtle, Quiet As a Butterfly, Sweet As a Rose, Dark As a Shadow, A Tree of Our Own, Teddy the Taster, Larry's Racing Machine, The Tree by David's House, Look and See, How Does a Plant Grow, Looking For Animals, I Like Rubber-I Like Glass, Animals Two by Two.

FOURTH GRADE READING LEVEL
(Interest level indicated with each book)

ANIMALS - DOMESTIC

Dennis, Wesley. Tumble, the Story of a Mustang. Hastings, 1966. $3.50, Gr. 3-6. A book for girls as well as for boys.

Kalnay, Francis. Chucaro, Wild Pony of the Pampa. Harcourt, 1958. 127 pp. $2.75, Gr. 4-8. Pedro, his beloved wild pony, and an Argentine ranch.

Levin, Jane W. and Mary M. Steiner. Bringing Up Puppies: A Child's Book of Dog Breeding and Care. Harcourt. 62 pp. $2.95, Gr. 4-6. A practical guide to raising puppies. 31 photographs.

ANIMALS - GENERAL

Adrian, Mary. The North American Wolf. Hastings, 1965. 64 pp. $3.50, Gr. 3-8. In "Preserve Our Wildlife Series." In easy flowing prose, the dangers in a wolf's life are vividly presented.

Baudoy, Michel-Aime. Bruno, King of the Mountain. Harcourt. 158 pp. $3.00, Gr. 4-8. A compelling story, set in the French Pyrenees, of a bear cub brought up as a pet.

_____. Old One-Toe. Harcourt, 1959. 190 pp. $3.00, Gr. 4-8. The story of a bold and cunning fox and of the children who hope he will outwit the hunters.

Byrd, Ernestine. Tor, Wyoming Bighorn. Scribners, 1969. 64 pp. $3.63, Gr. 4-7. The life of a male bighorn from birth through danger and learning to maturity, told dramatically and with a wealth of scientific detail.

Darling, Louis. Seals and Walruses. Morrow, 1955. 64 pp. $3.14, Gr. 3-6. Well-organized most readable discussion, with fine illustrations by the author.

Earle, Olive L. Strange Companions in Nature. Morrow, 1966. 64 pp. $3.14, Gr. 3-7. Sharply-detailed and fascinating illustrations by the author, and large print with good spacing makes this book easy and fun.

Eberle, Irmengarde. A Chipmunk Lives Here. Doubleday, 1966. 60 pp. $3.50, Gr. 2-5. A year in the life of a chipmunk.

_____. Foxes Live Here. Doubleday, 1966. 59 pp. $3.50, Gr. 2-5. One year in the life of a family of foxes, beautifully illustrated with rare photographs.

_____. Night Rovers: Flying Squirrels and Their Neighbors. Doubleday, 1969. 64 pp. Rare photographs of flying squirrels (by the author) make this book especially interesting.

Eimerl, Sarel. Baboons. Simon, 1968. $3.95, Gr. 2-5. Illustrated photos.

George, Jean Craighead. The Moon of the Wild Pigs. Crowell, 1968. 39 pp. $3.75, Gr. 3-6. On a hot July day on Arizona's Sonoran Desert, a young peccary searching for his mother encounters many other creatures.

_____. The Moon of the Alligators. Crowell, 1969. 40 pp. $3.75, Gr. 4-8. October and man's draining of part of the swamp bring danger to this swamp inhabitant.

_____. The Moon of the Bears. Crowell, 1967. 42 pp. $3.75, Gr. 3-8. In the Smoky Mountains of Tennessee, February brings the first signs of spring, the awakening of the hibernating black bear and the birth of her cubs.

_____. The Moon of the Chickarees. Crowell, 1968. 42 pp. $3.75, Gr. 3-8. In April, in Montana, the red squirrel young are born and begin a life of drama and danger.

_____. The Moon of the Deer. Crowell, 1969. 40 pp. $3.75, Gr. 4-8. September in the Connecticut tidal marsh is the moon of storm and hurricane that threaten the survival of a young spike-buck.

ANIMALS - GENERAL CONTINUED

_____. The Moon of the Fox Pups. Crowell, 1968. 42 pp. $3.75, Gr. 3-8. June in the beautiful Cumberland Mountains of Pennsylvania find fox pups learning the lessons of survival from their parents.

_____. The Moon of the Gray Wolves. Crowell, 1969. 40 pp. $3.75. In November the Alaskan gray wolves complete their puppy growth and training and share the activities of the wolf pack.

_____. The Moon of the Moles. Crowell, 1970. 40 pp. A lively story of how, under the Kansas sod, the mole eats, sleeps and encounters dangers.

_____. The Moon of the Mountain Lions. Crowell, 1968. 39 pp. $3.75. The Pacific Northwest on Washington's Mount Olympus is the setting for this unusual account of one night in the life cycle of a mountain lion.

Cohen, Daniel. Night Animals. Julian Messner, 1970. 96 pp. $3.64, Gr. 4. A noted science writer discusses the behavior patterns of night animals in the forest, the jungle, on the desert, in the sea, in the city--covering the biological alarm clock, the eyes of night, 'seeing' with ears, muscle memory, luminescence, bird migration.

Greene, Carla. A Trip to the Zoo. Lantern Press, 1962. $2.75, Gr. 2-4. Information about the origin, habits, and characteristics of the various animals which makes the zoo a meaningful place as well as an amusing one.

Lathrop, Dorothy. Let Them Live. Macmillan, 1966. $2.75, Gr. 4-7. How birds and animals do more good than harm. Black and white illustrations.

Mason, George. Animal Sounds. Morrow, 1948. 96 pp. $2.25, Gr. 5-10. One who knows the sounds of animals, birds, and insects brings the reader into the outdoors through this book.

May, Charles Paul. Bats. Meredith, 1969. $4.95, Gr. 4-7. Legends and stories lead up to current research and knowledge.

McClung, Robert M. Stripe, the Story of a Chipmunk. Morrow, 1951. 48 pp. $2.00, Gr. 4-6. In large print, this gives information about habits and living place of a chipmunk.

Ripper, Charles L. Foxes and Wolves. Morrow, 1961. 64 pp. $3.25, Gr. 3-7. Superior treatment of animal ways; includes the coyote. Pictures with sharp details stimulate interest.

_____. Woodchucks and Their Kin. Morrow, 1963. 64 pp. $3.25, Gr. 3-7. Sharply-detailed illustrations by the author on every page stimulate interest and explain the easy text.

Rounds, Glen. Lone Muskrat. Holiday, 1953. 124 pp. $2.50, Gr. 4-7. A wise old muskrat spends busy winter hunting food, escaping enemies, exploring ice-locked pond.

Selsam, Millicent E. How Animals Tell Time. Morrow, 1967. 96 pp. $3.50, Gr. 4-8. After establishing earth's rhythms, the author considers their effects on animals; fascinating well-illustrated answer to an intriguing old question.

_____. The Language of Animals. Morrow, 1962. 96 pp. $3.50, Gr. 4-8. Animated and fascinating exploration of animal communication, profusely illustrated.

Weeks, Morris, Jr. Inside the Zoo. Simon, 1970. 96 pp. $4.50, Gr. 3-7. The fascinating and unusual problems that zoo-keepers and curators must deal with. Twenty-two photos.

Werner, Jane. Walt Disney's Living Desert. Simon, 1954. 124 pp. $4.00, Gr. 5-12. How plants and animals fight for their survival on the western deserts. A factual story.

ANIMALS - GENERAL CONTINUED

_____. Walt Disney's Vanishing Prairie. Simon, 1955. 124 pp. $4.00, Gr. 5-12. This story depicts the struggle the prairie creatures have for survival. Has kodachromes.

Williamson, Margaret. First Book of Mammals. Watts, 1957. 62 pp. $1.95, Gr. 4-7. Mammals from all over the world are described and illustrated.

Zim, Herbert S. Dinosaurs. Morrow, 1954. 64 pp. $2.00, Gr. 4-12. Why dinosaurs became extinct and how we find out about what they were like when they lived are told in this book.

_____. Elephants. Morrow, 1946. $2.00, Gr. 4-12. Many things about elephants, including how they live and how they are captured and trained.

Zim, Herbert S. and Donald F. Hoffmeister. Mammals. Simon, 1955. 160 pp. $1.95, Gr. 4-12. This Golden Nature Guide book identifies 217 animals with colored illustrations.

Zistel Era. The Dangerous Year. Random, 1967. 106 pp. $2.95, Gr. 3-6. In easy flowing prose, the dangers in the first year of a baby skunk's life are vividly brought out.

Freschet, Berniece. Kangaroo Red. Scribners, 1966. 48 pp. $3.63, Gr. 4-8. Life is not easy for a kangaroo after he leaves his mother's pouch. Striking illustrations every page.

ASTRONOMY

Branley, Franklyn. A Book of Mars for You. Crowell, 1968. 57 pp. $3.95, Gr. 3-6. One by one the important facts about Mars are presented in relation to their counterpart on earth.

_____. A Book of the Milky Way Galaxy For You. Crowell, 1965. 64 pp. $3.95, Gr. 3-8. Skillfully correlated text and drawings present the nature of our galaxy.

_____. A Book of Outer Space for You. Crowell, 1970. 64 pp. $4.50. Illustrated in color. Outer space may be vast but it is not empty, and man has to make adjustments to this.

_____. A Book of Stars for You. Crowell, 1967. 58 pp. $3.95, Gr. 4-8. The place of the solar system in the galaxy; the properties of stars.

_____. A Book of Venus for You. Crowell, 1969. 72 pp. $4.50, Gr. 3-8. Carefully accurate detailed illustrations in color. Available data and plausible, thought-provoking conjectures are provided.

_____. The Christmas Sky. Crowell, 1966. 48 pp. $3.75, Gr. 3-8. Using material from his annual Christmas lecture at the Hayden Planetarium, the author has carefully woven scientific information around historical facts and passages from the Bible.

Fenton, Carrol Lane and Mildred Fenton. Worlds in the Sky. Day, 1963. $2.75, Gr. 4-7. A simple discussion of the solar system.

Freeman, Mae and Ira. Fun with Astronomy. Random, 1953. 58 pp. $1.50, Gr. 5-12. The earth, moon, sun and stars are described. Contains pictures and diagrams and some experiments to be done.

Gringhuis, Dirk. Stars on the Ceiling. Meredith, 1967. $2.95, Gr. 4-8. The planetarium and how it evolved, with illustrations by the author.

Heintze, Carl. Search Among the Stars. Van Nostrand, 1966. 175 pp. $4.50, Gr. 3-8. Thorough science written in easy sentence structure and flowing style.

Munch. What is a Solar System? Benefic Press. $1.80, Gr. 4-6. High interest, factual basic concepts and information.

Posin. What is a Star? Benefic Press. $1.80, Gr. 4-6. Easy reading, high interest; basic concepts.

ASTRONOMY CONTINUED

Zim, Herbert S. Comets. Morrow, 1957. 64 pp. $2.25, Gr. 4-7.
This is the first children's book about comets. It gives information about earliest comets to those of the present time.

BIRDS

Burns, Aubrey. Bird Watching. Watts, 1968. 72 pp. $2.95, Gr. 4-8.
When and where and how to watch; equipment needed.

Darling, Louis. Penguins. Morrow, 1956. 64 pp. $2.00, Gr. 4-7.
About the life and habits of the interesting penguins.

Earle, Olive Lydia. Birds and Their Nests. Morrow, 1952. $2.00, Gr. 4-7.
Tells how 42 different birds build their nests, with items about the birds. Simple and well illustrated.

_____. State Birds and Flowers. Morrow, 1951. 64 pp. $2.00, Gr. 3-8.
An account of the state flowers and birds.

Eberle, Irmengard. Robins on the Windowsill. Crowell, 1958. 48 pp. $2.75, Gr. 4-6. The adventures of a pair of robins through one season, with outstanding photographs.

Eimerl, Sarel. Gulls. Simon, 1967. $3.95, Gr. 3-6.
Illustrated with photos.

Flanagan, Gertrude. Window Into an Egg. Scott, 1969. $5.95, Gr. 3-7.
Using photographs, the day-by-day steps in the development of a chick embryo from fertilization to hatching.

Lemmon, Robert S. All About Birds. Random, 1955. 142 pp. $1.95, Gr. 6-12.
Where birds live, how they fly, and why they migrate, explained.

McClung, Robert M. Honker, the Story of a Wild Goose. Morrow, 1965. 64 pp. $3.14, Gr. 3-6. The habits and life cycle of this beautiful and interesting bird.

George, Jean Craighead. The Moon of the Winter Bird. Crowell, 1970. 40 pp. $3.75, Gr. 3-8. On the night of the winter solstice, with heavy snow due, a stay-behind sparrow in Ohio faces a struggle for survival.

Laycock, George. The Pelicans. Doubleday, 1970. 64 pp. $3.95, Gr. 2-4.
Beautiful photographs. Why are the brown pelicans disappearing from the Louisiana and Texas area?

Ripper, Charles L. Diving Birds. Morrow, 1967. 64 pp. $3.25, Gr. 3-7.
Birds that submerge to secure their food have unusual characteristics. Illustrations by author, nearly every page.

_____. Ground Birds. Morrow, 1960. 64 pp. $3.25, Gr. 3-7.
Woodcocks, bobwhites, roadrunners, whippoorwills and others come to life in brief factual text in easy type, very profusely illustrated by the author.

_____. Swallows. Morrow, 1964. 64 pp. $3.25, Gr. 3-7.
Purple martins and six different kinds of swallows become easily recognizable through simple descriptions and profuse, lively illustrations by the author.

Zim, Herbert S. and Ira N. Gabrielson. Birds. Simon, 1949. 157 pp. $1.95, Gr. 4-12. A Golden Nature Guide book with colored pictures of 125 birds.

Zim, Herbert S. Ostriches. Morrow, 1958. 64 pp. $2.50, Gr. 4-7.
A good account of the ostrich and how he behaves. Illustrations.

CONSERVATION

Bronson, Wilfrid S. Freedom and Plenty: Ours to Save. Harcourt, 1953. 124 pp. $3.75, Gr. 4-6. A graphic survey of our country's conservation problems. Large type.

CONSERVATION CONTINUED

Adrian, Mary. The North American Bighorn Sheep. Hastings, 1966. 64 pp. $3.50, Gr. 4-8. In "Preserve Our Wildlife Series." Vivid presentation of the need for conservation practices before these animals become extinct.

Bowman, John. On Guard: Living Things Defend Themselves. Doubleday, 1969. 64 pp. $4.50, Gr. 3-6. Spines, camouflage, poisons and odors provide protection as well as teeth and claws.

Chester, Michael. Let's Go to Stop Air Pollution. Putnam, 1968. $2.29, Gr. 4-6. A timely topic, presented with fine illustrations.

_____. Let's Go to Stop Water Pollution. Putnam, 1968. $2.29, Gr. 4-6. Vivid illustrations and easy text bring out the importance of pure water.

Colby, Carroll. Soil Savers. Coward, 1957. $2.97, Gr. 3-9. A book on conservation and the work done by the Department of Agriculture conservation workers.

DeWaard, E. John. The Shape of Living Things. Doubleday, 1969. 64 pp. $4.50, Gr. 3-6. Shapes of plants and animals serve for protection and also for attraction.

Freschet, Berniece. Beaver on the Sawtooth. Crowell, 1969. $3.50, Gr. 3-6. Forest rangers need a dam, and get a beaver to build it for them. The life of a beaver is presented.

Green, Ivah. Water: Our Most Valuable Natural Resource. Coward, 1958. $3.49, Gr. 3-8. A timely topic for conservation study.

_____. Wildlife In Danger. Coward, 1959. $3.49, Gr. 3-9. Photos of 29 species that are extinct or nearly so, with smooth flowing prose.

Harmer, Mabel. About Dams. Melmont, 1963. $2.50, Gr. 4-6. Deals with the need for dams, their construction, and their place in the conservation program. Photographs.

Russell, Solveig Paulson. About Saving Wild Life for Tomorrow. Melmont, 1960. 32 pp. $2.50, Gr. 3-8. The conservation ideas expressed are vital to the future of our country.

_____. About Trees for Tomorrow. Melmont, 1963. 32 pp. $2.50, Gr. 3-8. Dramatizes the story of our nation's reforestration program.

Shuttlesworth, Dorothy. Clean Air--Sparkling Water: The Fight Against Pollution. Doubleday, 1969. 96 pp. $3.95, Gr. 4-6. A vivid description of pollution, with information on how we are fighting it.

Syrocki, B. John. What is Soil? Benefic. 48 pp. $2.20, Gr. 4-8. The composition of soil, how it is formed, and its value to man are brought out in greater depth by emphasis on basic scientific facts. Full-color illustrations.

EARTH STUDIES

Adler, Irving and Ruth. Air. Day, 1962. 48 pp. $2.68, Gr. 3-6. Concepts of weather and air functions are presented in clear, simple prose, with many illustrations and diagrams.

_____. The Earth's Crust. Day, 1963. 48 pp. $2.68, Gr. 3-6. How scientists discovered that the inside of the earth is solid, and how they are studying its composition.

_____. Storms. Day, 1963. 48 pp. $2.68, Gr. 3-6. All about the types of storms and what causes them. Many fine illustrations.

Baer, Marian E. Sound: An Experiment Book. Holiday, 1952. $2.50, Gr. 4-6. Sound, how it is produced and what happens to it.

Bell, Thelma Harrington. Snow. Viking, 1954. $2.50, Gr. 4-7. Describes snow and types of snowflakes, the use of snow and its dangers. Also tells of hail, frost and sleet.

EARTH STUDIES CONTINUED

Brindze, Ruth. The Story of the Trade Winds. Vanguard, 1960. 68 pp. $3.95, Gr. 4-8. Written in fascinating style; well illustrated in color.

Burt, Olive. First Book of Copper. Watts, 1968. 96 pp. $2.95, Gr. 4-8. History and folklore along with modern mining, many photos.

_____. First Book of Salt. Watts, 1965. 72 pp. $2.95, Gr. 4-8. Illustrated nearly every page, mostly photos, and packed with information about salt and man.

Clair, Andree. Bemba: An African Adventure. Harcourt, 1962. 158 pp. $3.00, Gr. 4-6. A young boy in his native African equatorial forests.

Cormack, Maribelle. First Book of Stones. Watts, 1950. $1.95, Gr. 4-6. Where to find rocks, how to identify them, and how to make a collection.

Galt, Tom. Volcano. Scribner, 1946. $2.50, Gr. 4-6. About a volcano in Mexico and how it came "to life" in story style. Illustrated.

Goetz, Delia. Mountains. Morrow, 1962. 64 pp. $3.25. Gr. 4-8. Brief, clear account dealing with the formation, locations, climates and natural resources of mountains. Striking illustrations on almost every page.

Greene, Carla. After the Dinosaurs. Bobbs-Merrill, 1968. $3.50, Gr. 3-8. Describes, with simple text and concise pictures, each geological subperiod since the Tertiary and its animals.

Hagaman, Adaline P. What is Water? Benefic Press, 1960. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

Harris, Miles. Getting to Know the World Meteorological Organization. Coward, 1966. 64 pp. $2.95, Gr. 4-8. A topic important to help us understand how we know and communicate science information.

Keen, Martin L. Hunting Fossils. Julian Messner, 1970. 96 pp. $4.50. How fossil hunters decipher nature's messages in rocks to tell us about life millions of years ago when the earth, mountains, and seas were forming. Chapters for today's fossil hunters are valuable for the young person making his first explorations into this field.

_____. Lightning and Thunder. Julian Messner, 1969. 96 pp. $4.50. "Early scientific studies of lightning phenomena, the nature of electricity, the origin and behavior of thunderstorms, types of lightning, and lightning safety are described in clear, accurate text amplified by diagrams and photographs..." ALA Booklist

Knight, David. First Book of Air. Watts, 1961. 72 pp. $2.95, Gr. 4-8. Scientific principles made easy to understand, with many drawings and diagrams.

Ladyman, Phyllis. Inside the Earth. Scott, 1970. $2.95, Gr. 4-8. A concise overview of the earth's internal structure and its effect on the surface.

May, Julian. Climate. Follett, 1968. 32 pp. $1.00, Gr. 3-6. The major climates of the world; the factors that affect them. Full color pictures and many diagrams.

Piltz. What is Air? Benefic, 1960. $1.80, Gr. 4-6. Easy reading and high interest; factural, basic concepts.

Posin, Daniel. What is a Dinosaur? Benefic. 48 pp. $2.20, Gr. 4-8. Basic scientific facts, simply expressed, bring out depth and further understanding of this interesting area.

Pough, Frederick H. All About Volcanoes and Earthquakes. Random, 1953. $1.95, Gr. 4-8. The causes and results of earthquakes and volcanoes and descriptions of some of the well known ones. Easy to read.

Reed, W. Maxwell. And That's Why. Harcourt. 104 pp. $2.95, Gr. 4-6. Explains, in an informal way, clouds, frost, fire and atoms, oil and rocks, thunder, music and air waves.

EARTH STUDIES CONTINUED

Sander, Lenore. The Curious World of Crystals. Prentice, 1964. 64 pp. $3.25, Gr. 4-8. Profuse sketches and diagrams: experiments as well as information.

Smith, Frances C. First Book of Mountains. Watts, 1964. 88 pp. $2.95, Gr. 4-8. Photos on nearly every page. How mountain areas affect the way people live.

_____. First Book of Water. Watts, 1959. 68 pp. $2.95, Gr. 4-8. Profuse two-color illustrations and diagrams bring out the importance of water and the need of conservation.

Syrocki. What is a Rock? Benefic Press. $1.80, Gr. 4-6. High interest, easy reading; basic concepts.

_____. What is Weather? Benefic Press. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

Tannehill, Ivan Ray. All About the Weather. Random, 1953. 148 pp. $1.95, Gr. 5-12. Weather conditions, and how they are measured and predicted. Explained by an authority in the Weather Bureau.

Zim, Herbert S. The Sun. Morrow, 1953. 51 pp. $2.00, Gr. 4-12. What the sun is and how it affects life.

ELECTRICITY - MAGNETS

Adler, Irving and Ruth. Magnets. Day, 1966. 48 pp. $2.68, Gr. 3-6. Describes the many kinds of magnets found in the atom, on the earth and among the stars. Well illustrated.

Catherall, A. E. and P. N. Holt. Working With Light. A. Whitman, 1964. 48 pp. $2.75, Gr. 3-8. Learning scientific principles by discovery through extensive experiments with simple materials.

_____. Working With Magnets. A. Whitman, 1962. 48 pp. $2.75, Gr. 3-8. Brief units start with question to motivate experiments which lead to scientific principles.

David, Eugene. Television and How it Works. Prentice, 1962. $3.75, Gr. 3-6. Simple explanations with illustrations and diagrams.

Freeman, Mae and Ira. Fun and Experiments with Light. Random, 1963. 60 pp. $1.95, Gr. 3-8. Photos every other page. Scientific principles and discovered through interesting simple activities.

Posin, Daniel. What is Electronic Communication? Benefic. 48 pp. $2.20, Gr. 4-8. Electronics in radio and television become understandable through clear statements and excellent illustrations and diagrams.

_____. What is Energy? Benefic. 48 pp. $2.20, Gr. 4-8. Energy from heat, light and sound is made clear in simple clear definitions and statements of basic facts, with many illustrations and diagrams.

_____. What is Matter? Benefic. 48 pp. $2.20, Gr. 4-8. The scientific meaning of things, objects, substance become broader and deeper through emphasis on basic scientific facts.

Reuben, Gabriel H. What is a Magnet? Benefic Press, 1960. $1.80, Gr. 4-6. Easy reading and high interest; factual, basic concepts.

Syrocki, John. What is Electricity? Benefic Press. $1.80, Gr. 4-6. High interest, easy reading; basic concepts.

Valens, E. G. and Berneice Abbott. Magnets. World, 1964. 64 pp. $3.00, Gr. 3-6. Profusely illustrated with photographs. A big section on things to do with iron filings.

FISH, AMPHIBIANS AND REPTILES

Andrews, Roy Chapman. All About Whales. Random, 1954. 148 pp. $1.95, Gr. 5-12. A simply told account of whales, by a scientist.

Brenner, Barbara. A Snake-Lover's Diary. Scott, 1970. 96 pp. $4.25, Gr. 3-7. As a boy collects and cares for a variety of snakes, he needs scientific knowledge of their characteristics and habits.

George, Jean Craighead. Moon of the Salamanders. Crowell, 1967. 42 pp. $3.75, Gr. 3-8. In March the old salamander comes out from beneath a log in a Michigan forest and participates in a mating dance. Lively illustrations point up keen observations of nature.

Hogner, Dorothy Childs. Frogs and Polliwogs. Crowell, 1956. 68 pp. $2.50, Gr. 4-6. Physiology, anatomy and adaptations to environment of frogs, toads and salamanders.

O'Neill, Mary. The White Palace. Crowell, 1966. 48 pp. $3.95, Gr. 3-7. With lively illustrations on every page, but not a picture book, the dangers that face the Chinook salmon every day of his life are described in fascinating style.

Scott and Wescott. What is a Reptile? Benefic. 48 pp. $2.20, Gr. 4-8. Expansion of understanding of basic scientific facts about this interesting area. Full color illustrations.

Zim, Herbert S. and Hobart M. Smith. Reptiles and Amphibians. Simon 1953. 157 pp. $1.95, Gr. 4-12. Two-hundred-twelve species are identified by colored illustrations in this Golden Nature Guide book.

Zim, Herbert S. Snakes. Morrow, 1949. $2.00, Gr. 4-12. About North American snakes and how snakes can be kept as pets.

HEALTH

Adler, Irving and Ruth. Your Ears. Day, 1963. 48 pp. $2.68, Gr. 3-6. Explaining the Why of things, science fundamentals in simple, direct prose, with many color illustrations and diagrams.

_____. Your Eyes. Day, 1963. 48 pp. $2.68, Gr. 3-6. Scientific truths expressed in simple flowing prose, and profusely illustrated, many diagrams. Things to Do also.

_____. Taste, Touch and Smell. Day, 1966. 48 pp. $2.68, Gr. 3-6. How the senses operate to bring us information. Well illustrated, many diagrams, "things to do" section.

Alexenberg. What is a Human? Benefic. 48 pp. $2.20, Gr. 4-8. Basic science concepts and principles are developed through concentration on simple basic facts and clear definitions with many illustrations.

Bertrol, Roland. Charles Drew. A Crowell Biography. Crowell, 1970. 40 pp. $3.75, Gr. 4-8. The black doctor who first developed a way to preserve and store blood plasma. A grippingly written biography of a great, proud, but tragically thwarted scientist.

Cohen, Daniel. Vaccination and You. Julian Messner, 1969. 96 pp. $3.95. "...(gives) students a clear picture of the cause of disease, how vaccination works and how it protects." Granite, Utah School District

Elgin, Kathleen. Read About the Brain. Watts, 1967. 54 pp. $2.95, Gr. 3-8. The major parts of the brain and how they work together to make man intelligent.

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HEALTH CONTINUED

King, Fred. What is a Cell? Benefic. 48 pp. $2.20, Dr. 4-8.
Structure, specialization in cells, reproduction and groups, all explained in simple basic statements with profuse illustrations.

Lapp, Carolyn. Dentist's Tools. Lerner, 1961. $3.25, Gr. 3-9.
The attractive illustrations show how the tools are used. Can be read to younger children.

Lerner, Marguerite R. Doctor's Tools. Lerner, 1965. $3.25, Gr. 3-9.
Simple descriptions of office and laboratory tools, with excellent illustrations. Can be read to younger children.

Zappler, Georg. From One Cell to Many Cells. Julian Messner, 1970. 64 pp. $3.95.
Written simply and clearly by a science teacher, the text describes orderly series of changes that occur from the first moment of life and continue until an organism reaches maturity.

INSECTS - WORMS - SPIDERS

Adler, Irving and Ruth. Insects and Plants. Day, 1962. 48 pp. $2.68, Gr. 3-6.
Fascinating and unusual information about how plants and insects are related, both friends and foes

David, Eugene. Spiders and How They Live. Prentice, 1964. $3.75, Gr. 3-6.
Well illustrated and interest-awakening.

George, Jean Craighead. Moon of the Monarch Butterflies. Crowell, 1968.
42 pp. $3.75, Gr. 3-6. The arduous journey of this delicate creature from the Gulf of Mexico to the meadowlands of Canada.

_____. Moon of the Owls. Crowell, 1967. 42 pp. $3.75, Gr. 3-6.
A great horned owl's nocturnal journey in the Catskill Mountains in January is lyrically told with beautiful illustrations.

Hogner, Dorothy Childs. Earthworms. Crowell, 1953. 51 pp. $2.50, Gr. 4-6.
The physical features of the earthworm and its usefulness to mankind through its soil-making activities.

_____. Spiders. Crowell, 1955. 56 pp. $2.50, Gr. 4-6.
Describes the various species of spiders, their habits and habitats, how they hunt, eat and spin their webs.

Kaufman, Mervyn. No Holidays for Honeybees. Coward, 1966. 64 pp. $2.95, Gr. 3-6.
The life cycle of a honeybee hive during the course of a year.

McClung, Robert M. Green Darner, The Story of a Dragonfly. Morrow, 1956.
48 pp. $3.14, Gr. 2-5. Factual statements and beautiful illustrations bring to life the story of Green Darner.

Neal, Charles. What is a Bee? Benefic. 48 pp. $2.20, Gr. 4-8.
Depth and further understanding is brought out by clear definitions, emphasis on simple basic facts, and color illustration nearly every page.

_____. What is an Insect? Benefic. 48 pp. $2.20, Gr. 4-8.
Simple presentation adds depth and further understanding to this favorite topic.

Ripper, Charles L. Mosquitoes. Morrow, 1969. 64 pp. $3.25, Gr. 3-7.
Clear text and beautiful illustrations present the little-known facts about these fragile insects.

MACHINES - WORKMEN

Bendick, Jeanne. First Book of Automobiles. Watts, 1966. $1.95, Gr. 4-6.
Mechanism and design of up-to-date automobiles, about first autos, driving rules and directions for building a soapbox car.

Gould, Jack. All About Radio and Television. Random, 1953. 143 pp. $1.95, Gr. 4-12
Written in non-technical language with diagrams. Simple experiments.

MACHINES - WORKMEN CONTINUED

Huey, Edward G. What Makes the Wheels Go Round. Harcourt, Rev. Ed. 176 pp. $3.00, Gr. 4-6. A revised edition of a simple introduction to physics.

Hyde, Margaret. Flight Today and Tomorrow. McGraw, 1962. 140 pp. $2.75, Gr. 5-9. An account of all kinds of air machines explaining the principles of flying and the pilot's point of view.

Ross, Frank, Jr. Young People's Book of Jet Propulsion. Lothrop, 1954. $2.75, Gr. 4+. Revised edition telling about foreign jets.

Syrocki, John. What is a Machine? Benefic Press. $1.80, Gr. 4-6. Easy reading, high interest; factual, basic concepts.

Yates, Raymond F. The Boys' Book of Magnetism. Harper, 1959. $2.50, Gr. 4-6. Simple experiments with magnets.

Zim, Herbert S. Things Around the House. Morrow, 1954. 32 pp. $1.75, Gr. 4-12. How stoves, furnaces, plumbing, and electrical appliances operate is told through easy reading and diagrams.

_____. What's Inside of Me? Morrow, 1952. 32 pp. $1.75, Gr. 4-12. This book will help boys and girls to know about their bodies. Has diagrams to help in their understanding.

OCEAN LIFE

Adler, Irving and Ruth. Oceans. Day, 1962. 48 pp. $2.68, Gr. 3-6. Tides, waves, and sea breezes, as well as animals that live in the sea and many other items are explained in clear, direct prose with many illustrations.

Buck, Margaret Waring. Along the Seashore. Abingdon. $2.97, Gr. 4-7. The plants and animals of this special environment.

Dudley, Ruth H. Sea Shells. Crowell, 1953. 149 pp. $2.75, Gr. 4-6. A good introductory book with 62 illustrations.

Earle, Olive L. The Octopus. Morrow, 1955. 64 pp. $3.14, Gr. 3-6. Squid, cuttlefish, nautilus and octopus, with graphic drawings by author, makes for fascinating reading.

Jacobs, Lou, Jr. Wonders of an Oceanarium. Golden Gate, 1965. 80 pp. $3.75, Gr. 1-8. Size 8" x 11". Photos on every page. Marine life in captivity vividly portrayed.

Lambert, Elisabeth. The Living Sea. Coward, 1963. 128 pp. $3.69, Gr. 4-8. A fascinating study of life at the shore and in the ocean.

Schisgall, Oscar. That Remarkable Creature, the Snail. Julian Messner, 1970. $3.95. An easy-to-read, straightforward introduction to the creature that has 25,600 teeth and can pull 200 times its own weight; includes the land, sea, and fresh water snail.

Weiss, Malcolm E. Man Explores the Sea. Julian Messner, 1969. 128 pp. $4.50. "Story of the three Sealab expeditions from 1964-1969. Describes living beneath the ocean and tells about atomic submarines and other breakthroughs in oceanology." Education Summary.

SPACE TRAVEL

Bendick, Jeanne. Space Travel. Watts, 1969. 96 pp. $2.95, Gr. 3-6. A new revision, up-to-the-minute.

Bischof, George P. Atoms At Work. Harcourt, 1951. $2.50, Gr 4+. About the nature of molecules and atoms. Simple, easy-to-read.

Branley, Franklyn. A Book of Astronauts for You. Crowell, 1963. 64 pp. $3.95. Excellent illustrations and diagrams. Lively fascinating informative account of this subject.

SPACE TRAVEL CONTINUED

Coombs, Charles. Project Apollo, Mission to the Moon. Morrow, 1965. 96 pp. $3.36, Gr. 4-8. Photographs and sketches nearly every page. The simple flowing style makes the reading hold interest while pictures explain it all.

Elting, Mary. Spacecraft at Work. Harvey, 1965. 96 pp. $3.50, Gr. 4-8. Excellent drawings and diagrams on every page, and simple flowing prose makes this a fascinating book on a timely topic.

Kane and Fellger. What is Space? Benefic. 48 pp. $2.20, Gr. 4-8. This absorbing topic becomes clearer through presentation of basic scientific facts with full color illustrations every page.

May, Julian. Astronautics. Follett, 1968. 32 pp. $1.00, Gr. 3-6. Describes the scientific basis for space flight accurately, with vivid illustrations.

Munch. What is a Rocket? Benefic Press. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

TREES AND PLANTS

Buff, Mary and Conrad. Big Tree. Viking, 1946. $3.00, Gr. 4-7. Story of a sequoia 2500 years old. Illustrations.

Cooke, Emogene. Fun-Time Window Garden. Children's, 1957. 32 pp. $2.00, Gr. 3-5. Practical experiments with growing plants from seeds, slips, etc., indoors.

Dudley, Ruth H. Our American Trees. Crowell, 1956. 160 pp. $2.75, Gr. 4-6. Provocative facts and amazing figures about our forests, in a very readable style. Detailed drawings.

Fenton, Carroll Lane and Herninie Kitchen. Plants That Feed Us: The Story of Grains and Vegetables. Day, 1956. 95 pp. $2.95, Gr. 4-12. This book gives a history of some foods and tells how plants have traveled.

Gringhuis, Dirk. From Tall Timber. A. Whitman, 1964. 64 pp. $2.75, Gr. 3-5. The importance and methods of conservation are brought out through this description of the growth of forests and the harvesting and processing of trees.

Sanger, Marjory B. Cypress Country. World, 1965. 64 pp. $3.50, Gr. 3-8. Life found in a Florida swamp.

Selsam, Millicent E. Peanut. Morrow, 1969. 48 pp. $3.78, Gr. 3-6. Each stage of the plant's development is shown in photographs. Astonishing close-up photography makes the easy, well-printed text fascinating.

Stefferud, Alfred. The Wonders of Seeds. Harcourt, 1956. 119 pp. $2.75, Gr. 4-12. The scientist and the gardener present this account of seeds and how they develop into plants.

ADDITIONAL SCIENCE TOPICS

Adler, Irving and Ruth. Atoms and Molecules. Day, 1966. 48 pp. $2.68, Gr. 3-6. Explains chemicals, elements, molecules, atoms, nucleus, electrons, ions, chains, rings, and radioactivity.

_____. Evolution. Day, 1965. 48 pp. $2.68, Gr. 3-6. How plants and animals modified through the ages, well illustrated and simple prose.

_____. Heat. Day, 1964. 48 pp. $2.68, Gr. 3-6. Scientific facts brought out in simple, clear prose with many illustrations, diagrams, and photos.

ADDITIONAL SCIENCE TOPICS CONTINUED

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Bendick, Jeanne. First Book of Time. Watts, 1963. 72 pp. $2.95, Gr. 3-5. Its relation to space and motion; calendar, time zones, and animal and plant "clocks."

Buck, Margaret Waring. Where They Go in Winter. Abingdon, 1968. 82 pp. $3.50, Gr. 3-8. Where have all the animals and birds, fish and insects gone? Small print but profuse illustrations.

Catherall, A. E. and P.N. Holt. Working With Sounds. A. Whitman, 1964. 48 pp. $2.75, Gr. 3-8. Experiments lead to easy reading and discussion of what was observed. Full color aids.

_____. Working With Water. A. Whitman, 1964. 48 pp. $2.75, Gr. 3-8. Brief units motivate experiments and discuss the observation which resulted.

DeWaard, E. John. Plants and Animals in the Air. Doubleday, 1969. 64 pp. $4.50, Gr. 3-6. Patterns and forces of flight as shown by a hawk, a humming bird, and a dandelion seed.

Freeman, Mae and Ira. Fun with Scientific Experiments. Random, 1960. 64 pp. $1.95, Gr. 3-8. Experiments that are easy and fun, one or two pages for each; illustrated profusely.

Friskey, Margarte. Caveman to Spaceman. Children's, 1961. 64 pp. $2.95, Gr. 4+. Dramatic incidents in history are related through developments in transportation.

Geralton, James. The Story of Sound. Harcourt. 75 pp. $2.50, Gr. 4-9. A graphic description of sound and the astonishing ways in which it travels, written in simple, non-technical language. Large type; 45 line drawings.

King. What is Gravity? Benefic Press. $1.80, Gr. 4-6. Easy reading, high interest; basic concepts and information.

Leavett, Jerome and John Huntsburger. Fun-Time Terrariums and Aquariums. Children's, 1961. 48 pp. $2.00, Gr. 3-6. Leads to hours of pleasure setting up desert, woodland, bog habitats.

Munch, Theodore. What is Heat? Benefic Press, 1960. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

_____. What is Light? Benefic Press, 1960. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

Podendorf, Illa. Discovering Science On Your Own. Children's, 1962. 160 pp. $4.50, Gr. 3-8. A companion book to "101 Science Experiments."

_____. 101 Science Experiments. Children's, 1960. 160 pp. $4.50, Gr. 3-8. Most of the experiments can be done with materials found in the home.

Posin, Daniel. What is Chemistry? Benefic Press. $1.80, Gr. 4-6. Easy reading, high interest; basic concepts.

Reed, W. Maxwell. The Sky is Blue. Harcourt. 151 pp. $3.00, Gr. 4-6. Informal approach to science. Large type.

Reuben, Gabriel H. What is an Atom? Benefic Press, 1960. $1.80, Gr. 4-6. Easy reading and high interest; factual, basic concepts.

_____. What is Sound? Benefic Press, 1960. $1.80, Gr. 4-6. Easy reading, high interest; factual, basic concepts.

Russell, Solveig Paulson. Wax in Our World. Rand. 64 pp. $2.95, Gr. 3-6. Discusses the uses of wax in ancient and modern times as well as the kinds, their sources and characteristics.

Schwartz, Julius. Through the Magnifying Glass: Little Things That Make A Big Difference. McGraw, 1954. 142 pp. $2.50, Gr. 5-12. Tells how things in the world can be changed by the microscope.

ADDITIONAL SCIENCE TOPICS CONTINUED

Valens, E. G. and Berenice Abbott. Motion. World, 1965. 96 pp. $3.50, Gr. 3-8. Simple explanations and striking photographs of situations in which the laws of motion operate.

Victor, Edward. Heat. Follett, 1967. 32 pp. $1.00, Gr. 3-7. With simple clarifying diagrams and illustrations, this book explains heat as energy, and makes plain the principles of convection and conduction.

Young Readers' Edition of the Life Nature Library, Silver-Burdett, 1968. $4.95, Gr. 4-9. Especially edited for younger children (or older ones who prefer easy reading), these books make available the most-needed information and illustrations of the parent items.

Animal Behavior, by Niko Tinbergen
Birds, by Roger Tory Peterson
The Desert, by Leopold Starker
Early Man, by F. Clark Howell
The Earth, by Arthur Beiser
Evolution, by Ruth Moore
The Fishes, by F. D. Ommaney
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